

**Appendix A.9****1. Effective (Isotropic) Radiated Power Output Data****1.1 Test Result****1.1.1 B7_5MHz_EIRP**

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	23.68	-2.02	21.66	<=33.01	Pass
			13	23.72	-2.02	21.70	<=33.01	Pass
			24	23.56	-2.02	21.54	<=33.01	Pass
		12	0	22.79	-2.02	20.77	<=33.01	Pass
			6	22.74	-2.02	20.72	<=33.01	Pass
			13	22.64	-2.02	20.62	<=33.01	Pass
		25	0	22.77	-2.02	20.75	<=33.01	Pass
	2535	1	0	23.67	-2.02	21.65	<=33.01	Pass
			13	23.87	-2.02	21.85	<=33.01	Pass
			24	23.77	-2.02	21.75	<=33.01	Pass
		12	0	22.80	-2.02	20.78	<=33.01	Pass
			6	22.81	-2.02	20.79	<=33.01	Pass
			13	22.74	-2.02	20.72	<=33.01	Pass
		25	0	22.73	-2.02	20.71	<=33.01	Pass
	2567.5	1	0	23.22	-2.02	21.20	<=33.01	Pass
			13	23.46	-2.02	21.44	<=33.01	Pass
			24	23.15	-2.02	21.13	<=33.01	Pass
		12	0	22.28	-2.02	20.26	<=33.01	Pass
			6	22.28	-2.02	20.26	<=33.01	Pass
			13	22.10	-2.02	20.08	<=33.01	Pass
		25	0	22.16	-2.02	20.14	<=33.01	Pass
16QAM	2502.5	1	0	22.59	-2.02	20.57	<=33.01	Pass
			13	22.58	-2.02	20.56	<=33.01	Pass
			24	22.13	-2.02	20.11	<=33.01	Pass
		12	0	21.85	-2.02	19.83	<=33.01	Pass
			6	21.86	-2.02	19.84	<=33.01	Pass
			13	21.70	-2.02	19.68	<=33.01	Pass
		25	0	21.68	-2.02	19.66	<=33.01	Pass
	2535	1	0	22.32	-2.02	20.30	<=33.01	Pass
			13	22.53	-2.02	20.51	<=33.01	Pass
			24	22.15	-2.02	20.13	<=33.01	Pass
		12	0	21.43	-2.02	19.41	<=33.01	Pass
			6	21.60	-2.02	19.58	<=33.01	Pass
			13	21.54	-2.02	19.52	<=33.01	Pass
		25	0	21.75	-2.02	19.73	<=33.01	Pass
	2567.5	1	0	22.04	-2.02	20.02	<=33.01	Pass
			13	22.04	-2.02	20.02	<=33.01	Pass
			24	21.82	-2.02	19.80	<=33.01	Pass
		12	0	21.10	-2.02	19.08	<=33.01	Pass
			6	21.22	-2.02	19.20	<=33.01	Pass



Report No.: SUCR260700064209

Page: 2 of 52

64QAM	2502.5	25	13	21.25	-2.02	19.23	<=33.01	Pass
			0	21.18	-2.02	19.16	<=33.01	Pass
			24	21.93	-2.02	19.91	<=33.01	Pass
	2535	1	0	22.16	-2.02	20.14	<=33.01	Pass
			13	22.38	-2.02	20.36	<=33.01	Pass
			24	21.93	-2.02	19.91	<=33.01	Pass
		12	0	21.56	-2.02	19.54	<=33.01	Pass
			6	21.53	-2.02	19.51	<=33.01	Pass
			13	21.59	-2.02	19.57	<=33.01	Pass
	2567.5	25	0	21.57	-2.02	19.55	<=33.01	Pass
			0	22.10	-2.02	20.08	<=33.01	Pass
			13	22.36	-2.02	20.34	<=33.01	Pass
		1	24	22.06	-2.02	20.04	<=33.01	Pass
			0	21.47	-2.02	19.45	<=33.01	Pass
			6	21.66	-2.02	19.64	<=33.01	Pass
		12	13	21.60	-2.02	19.58	<=33.01	Pass
			0	21.83	-2.02	19.81	<=33.01	Pass
			0	21.55	-2.02	19.53	<=33.01	Pass
		1	13	21.61	-2.02	19.59	<=33.01	Pass
			24	21.38	-2.02	19.36	<=33.01	Pass
			0	20.98	-2.02	18.96	<=33.01	Pass
		12	6	20.99	-2.02	18.97	<=33.01	Pass
			13	20.93	-2.02	18.91	<=33.01	Pass
		25	0	21.26	-2.02	19.24	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	23.77	-2.02	21.75	<=33.01	Pass
			25	23.84	-2.02	21.82	<=33.01	Pass
			49	23.64	-2.02	21.62	<=33.01	Pass
		25	0	22.77	-2.02	20.75	<=33.01	Pass
			13	22.70	-2.02	20.68	<=33.01	Pass
			25	22.54	-2.02	20.52	<=33.01	Pass
		50	0	22.74	-2.02	20.72	<=33.01	Pass
	2535	1	0	23.50	-2.02	21.48	<=33.01	Pass
			25	23.97	-2.02	21.95	<=33.01	Pass
			49	23.67	-2.02	21.65	<=33.01	Pass
		25	0	22.61	-2.02	20.59	<=33.01	Pass
			13	22.73	-2.02	20.71	<=33.01	Pass
			25	22.67	-2.02	20.65	<=33.01	Pass
		50	0	22.66	-2.02	20.64	<=33.01	Pass
	2565	1	0	23.63	-2.02	21.61	<=33.01	Pass
			25	23.68	-2.02	21.66	<=33.01	Pass
			49	23.30	-2.02	21.28	<=33.01	Pass
		25	0	22.52	-2.02	20.50	<=33.01	Pass
			13	22.44	-2.02	20.42	<=33.01	Pass
			25	22.22	-2.02	20.20	<=33.01	Pass
		50	0	22.48	-2.02	20.46	<=33.01	Pass

16QAM	2505	1	0	22.54	-2.02	20.52	<=33.01	Pass
			25	22.80	-2.02	20.78	<=33.01	Pass
			49	22.46	-2.02	20.44	<=33.01	Pass
		25	0	21.72	-2.02	19.70	<=33.01	Pass
			13	21.73	-2.02	19.71	<=33.01	Pass
			25	21.73	-2.02	19.71	<=33.01	Pass
		50	0	21.80	-2.02	19.78	<=33.01	Pass
	2535	1	0	22.35	-2.02	20.33	<=33.01	Pass
			25	22.77	-2.02	20.75	<=33.01	Pass
			49	22.09	-2.02	20.07	<=33.01	Pass
		25	0	21.60	-2.02	19.58	<=33.01	Pass
			13	21.76	-2.02	19.74	<=33.01	Pass
			25	21.70	-2.02	19.68	<=33.01	Pass
		50	0	21.75	-2.02	19.73	<=33.01	Pass
	2565	1	0	21.90	-2.02	19.88	<=33.01	Pass
			25	22.22	-2.02	20.20	<=33.01	Pass
			49	21.97	-2.02	19.95	<=33.01	Pass
		25	0	21.43	-2.02	19.41	<=33.01	Pass
			13	21.41	-2.02	19.39	<=33.01	Pass
			25	21.32	-2.02	19.30	<=33.01	Pass
		50	0	21.45	-2.02	19.43	<=33.01	Pass
64QAM	2505	1	0	22.09	-2.02	20.07	<=33.01	Pass
			25	22.41	-2.02	20.39	<=33.01	Pass
			49	22.00	-2.02	19.98	<=33.01	Pass
		25	0	21.82	-2.02	19.80	<=33.01	Pass
			13	21.78	-2.02	19.76	<=33.01	Pass
			25	21.60	-2.02	19.58	<=33.01	Pass
		50	0	21.86	-2.02	19.84	<=33.01	Pass
	2535	1	0	22.13	-2.02	20.11	<=33.01	Pass
			25	22.52	-2.02	20.50	<=33.01	Pass
			49	21.95	-2.02	19.93	<=33.01	Pass
		25	0	21.68	-2.02	19.66	<=33.01	Pass
			13	21.79	-2.02	19.77	<=33.01	Pass
			25	21.76	-2.02	19.74	<=33.01	Pass
		50	0	21.79	-2.02	19.77	<=33.01	Pass
	2565	1	0	22.02	-2.02	20.00	<=33.01	Pass
			25	22.12	-2.02	20.10	<=33.01	Pass
			49	21.48	-2.02	19.46	<=33.01	Pass
		25	0	21.28	-2.02	19.26	<=33.01	Pass
			13	21.43	-2.02	19.41	<=33.01	Pass
			25	21.37	-2.02	19.35	<=33.01	Pass
		50	0	21.54	-2.02	19.52	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	23.63	-2.02	21.61	<=33.01	Pass
			38	23.83	-2.02	21.81	<=33.01	Pass

		36		74	23.75	-2.02	21.73	<=33.01	Pass	
				0	22.78	-2.02	20.76	<=33.01	Pass	
				18	22.72	-2.02	20.70	<=33.01	Pass	
				39	22.62	-2.02	20.60	<=33.01	Pass	
		75		0	22.79	-2.02	20.77	<=33.01	Pass	
	2535	1		0	23.56	-2.02	21.54	<=33.01	Pass	
				38	23.91	-2.02	21.89	<=33.01	Pass	
				74	23.53	-2.02	21.51	<=33.01	Pass	
		36		0	22.67	-2.02	20.65	<=33.01	Pass	
				18	22.77	-2.02	20.75	<=33.01	Pass	
				39	22.60	-2.02	20.58	<=33.01	Pass	
		75		0	22.68	-2.02	20.66	<=33.01	Pass	
		2562.5	1		0	23.34	-2.02	21.32	<=33.01	Pass
				38	23.39	-2.02	21.37	<=33.01	Pass	
				74	23.23	-2.02	21.21	<=33.01	Pass	
	36			0	22.44	-2.02	20.42	<=33.01	Pass	
				18	22.48	-2.02	20.46	<=33.01	Pass	
				39	22.27	-2.02	20.25	<=33.01	Pass	
	75			0	22.43	-2.02	20.41	<=33.01	Pass	
	16QAM	2507.5	1		0	22.25	-2.02	20.23	<=33.01	Pass
					38	22.41	-2.02	20.39	<=33.01	Pass
					74	22.25	-2.02	20.23	<=33.01	Pass
			36		0	21.78	-2.02	19.76	<=33.01	Pass
					18	21.75	-2.02	19.73	<=33.01	Pass
				39	21.68	-2.02	19.66	<=33.01	Pass	
75				0	21.84	-2.02	19.82	<=33.01	Pass	
2535		1		0	22.20	-2.02	20.18	<=33.01	Pass	
				38	22.52	-2.02	20.50	<=33.01	Pass	
				74	22.27	-2.02	20.25	<=33.01	Pass	
		36		0	21.57	-2.02	19.55	<=33.01	Pass	
				18	21.78	-2.02	19.76	<=33.01	Pass	
				39	21.61	-2.02	19.59	<=33.01	Pass	
		75		0	21.70	-2.02	19.68	<=33.01	Pass	
2562.5		1		0	21.42	-2.02	19.40	<=33.01	Pass	
				38	22.08	-2.02	20.06	<=33.01	Pass	
				74	21.80	-2.02	19.78	<=33.01	Pass	
		36		0	21.41	-2.02	19.39	<=33.01	Pass	
				18	21.47	-2.02	19.45	<=33.01	Pass	
				39	21.28	-2.02	19.26	<=33.01	Pass	
		75		0	21.41	-2.02	19.39	<=33.01	Pass	
64QAM		2507.5	1		0	22.49	-2.02	20.47	<=33.01	Pass
					38	22.43	-2.02	20.41	<=33.01	Pass
					74	22.03	-2.02	20.01	<=33.01	Pass
	36			0	21.81	-2.02	19.79	<=33.01	Pass	
				18	21.85	-2.02	19.83	<=33.01	Pass	
				39	21.76	-2.02	19.74	<=33.01	Pass	
	75		0	21.74	-2.02	19.72	<=33.01	Pass		
	2535	1		0	21.92	-2.02	19.90	<=33.01	Pass	
				38	22.49	-2.02	20.47	<=33.01	Pass	
				74	21.91	-2.02	19.89	<=33.01	Pass	
		36		0	21.76	-2.02	19.74	<=33.01	Pass	
				18	21.76	-2.02	19.74	<=33.01	Pass	
				39	21.71	-2.02	19.69	<=33.01	Pass	



Report No.: SUCR260700064209

Page: 5 of 52

	2562.5	75	0	21.70	-2.02	19.68	<=33.01	Pass
		1	0	21.88	-2.02	19.86	<=33.01	Pass
			38	22.10	-2.02	20.08	<=33.01	Pass
			74	21.45	-2.02	19.43	<=33.01	Pass
			0	21.44	-2.02	19.42	<=33.01	Pass
		36	18	21.55	-2.02	19.53	<=33.01	Pass
			39	21.40	-2.02	19.38	<=33.01	Pass
			75	21.35	-2.02	19.33	<=33.01	Pass
		75	0	21.35	-2.02	19.33	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	23.60	-2.02	21.58	<=33.01	Pass
			50	24.15	-2.02	22.13	<=33.01	Pass
			99	23.68	-2.02	21.66	<=33.01	Pass
		50	0	22.77	-2.02	20.75	<=33.01	Pass
			25	22.74	-2.02	20.72	<=33.01	Pass
			50	22.64	-2.02	20.62	<=33.01	Pass
		100	0	22.70	-2.02	20.68	<=33.01	Pass
	2535	1	0	23.60	-2.02	21.58	<=33.01	Pass
			50	24.11	-2.02	22.09	<=33.01	Pass
			99	23.53	-2.02	21.51	<=33.01	Pass
		50	0	22.71	-2.02	20.69	<=33.01	Pass
			25	22.81	-2.02	20.79	<=33.01	Pass
			50	22.68	-2.02	20.66	<=33.01	Pass
		100	0	22.59	-2.02	20.57	<=33.01	Pass
	2560	1	0	23.84	-2.02	21.82	<=33.01	Pass
			50	24.02	-2.02	22.00	<=33.01	Pass
			99	23.38	-2.02	21.36	<=33.01	Pass
		50	0	22.46	-2.02	20.44	<=33.01	Pass
			25	22.53	-2.02	20.51	<=33.01	Pass
			50	22.50	-2.02	20.48	<=33.01	Pass
		100	0	22.48	-2.02	20.46	<=33.01	Pass
16QAM	2510	1	0	22.27	-2.02	20.25	<=33.01	Pass
			50	22.43	-2.02	20.41	<=33.01	Pass
			99	22.09	-2.02	20.07	<=33.01	Pass
		50	0	21.82	-2.02	19.80	<=33.01	Pass
			25	21.79	-2.02	19.77	<=33.01	Pass
			50	21.60	-2.02	19.58	<=33.01	Pass
		100	0	21.82	-2.02	19.80	<=33.01	Pass
	2535	1	0	22.59	-2.02	20.57	<=33.01	Pass
			50	22.71	-2.02	20.69	<=33.01	Pass
			99	22.41	-2.02	20.39	<=33.01	Pass
		50	0	21.72	-2.02	19.70	<=33.01	Pass
			25	21.81	-2.02	19.79	<=33.01	Pass
			50	21.58	-2.02	19.56	<=33.01	Pass
		100	0	21.69	-2.02	19.67	<=33.01	Pass
	2560	1	0	22.15	-2.02	20.13	<=33.01	Pass



Report No.: SUCR260700064209

Page: 6 of 52

			50	22.42	-2.02	20.40	<=33.01	Pass		
			99	22.10	-2.02	20.08	<=33.01	Pass		
		50	0	21.47	-2.02	19.45	<=33.01	Pass		
			25	21.56	-2.02	19.54	<=33.01	Pass		
			50	21.52	-2.02	19.50	<=33.01	Pass		
		100	0	21.48	-2.02	19.46	<=33.01	Pass		
64QAM	2510	1	0	21.99	-2.02	19.97	<=33.01	Pass		
			50	22.02	-2.02	20.00	<=33.01	Pass		
			99	21.58	-2.02	19.56	<=33.01	Pass		
		50	0	21.77	-2.02	19.75	<=33.01	Pass		
			25	21.76	-2.02	19.74	<=33.01	Pass		
			50	21.67	-2.02	19.65	<=33.01	Pass		
		100	0	21.81	-2.02	19.79	<=33.01	Pass		
		2535	1	0	21.96	-2.02	19.94	<=33.01	Pass	
				50	22.18	-2.02	20.16	<=33.01	Pass	
	99			22.01	-2.02	19.99	<=33.01	Pass		
	50		0	21.72	-2.02	19.70	<=33.01	Pass		
			25	21.81	-2.02	19.79	<=33.01	Pass		
			50	21.67	-2.02	19.65	<=33.01	Pass		
	100		0	21.68	-2.02	19.66	<=33.01	Pass		
	2560		1	0	22.01	-2.02	19.99	<=33.01	Pass	
				50	22.34	-2.02	20.32	<=33.01	Pass	
		99		21.80	-2.02	19.78	<=33.01	Pass		
		50	0	21.37	-2.02	19.35	<=33.01	Pass		
			25	21.65	-2.02	19.63	<=33.01	Pass		
			50	21.58	-2.02	19.56	<=33.01	Pass		
		100	0	21.45	-2.02	19.43	<=33.01	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B7_10MHz

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2535	50	0	20	8.8	1.700	0.0007	-2.5 to 2.5	Pass
					7.7	-4.300	-0.0017	-2.5 to 2.5	Pass
					6.6	-3.500	-0.0014	-2.5 to 2.5	Pass
				-30	7.7	-1.400	-0.0006	-2.5 to 2.5	Pass
				-20	7.7	-2.700	-0.0011	-2.5 to 2.5	Pass
				-10	7.7	-2.400	-0.0009	-2.5 to 2.5	Pass
				0	7.7	2.600	0.0010	-2.5 to 2.5	Pass
				10	7.7	1.900	0.0007	-2.5 to 2.5	Pass
				30	7.7	-4.300	-0.0017	-2.5 to 2.5	Pass
				40	7.7	-0.600	-0.0002	-2.5 to 2.5	Pass
				50	7.7	1.200	0.0005	-2.5 to 2.5	Pass



3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

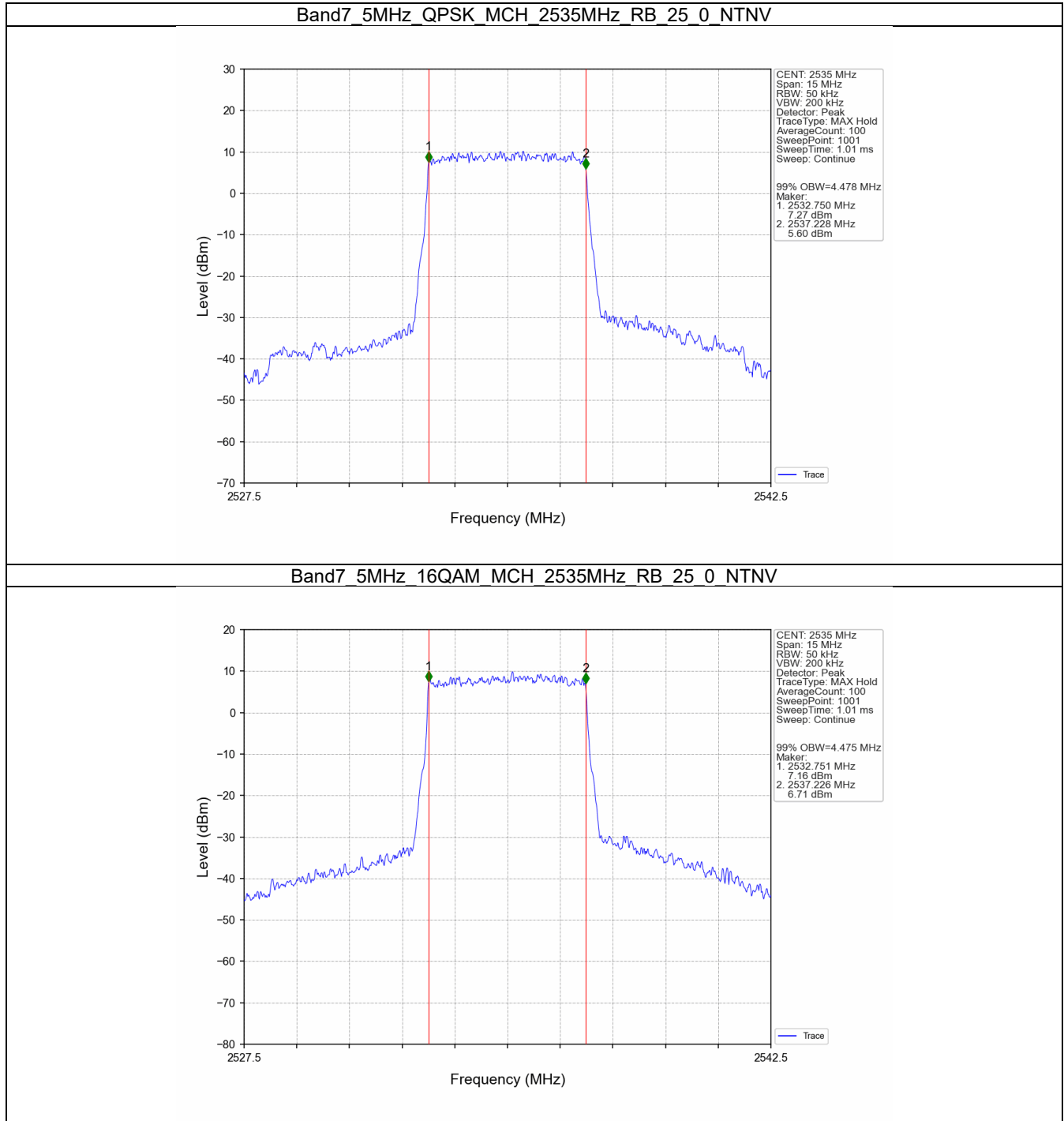
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.478	/	Pass
	16QAM	2535	25	0	4.475	/	Pass
	64QAM	2535	25	0	4.482	/	Pass
10	QPSK	2535	50	0	8.956	/	Pass
	16QAM	2535	50	0	8.931	/	Pass
	64QAM	2535	50	0	8.934	/	Pass
15	QPSK	2535	75	0	13.412	/	Pass
	16QAM	2535	75	0	13.416	/	Pass
	64QAM	2535	75	0	13.411	/	Pass
20	QPSK	2535	100	0	17.873	/	Pass
	16QAM	2535	100	0	17.868	/	Pass
	64QAM	2535	100	0	17.844	/	Pass

3.1.2 Band7_XDB

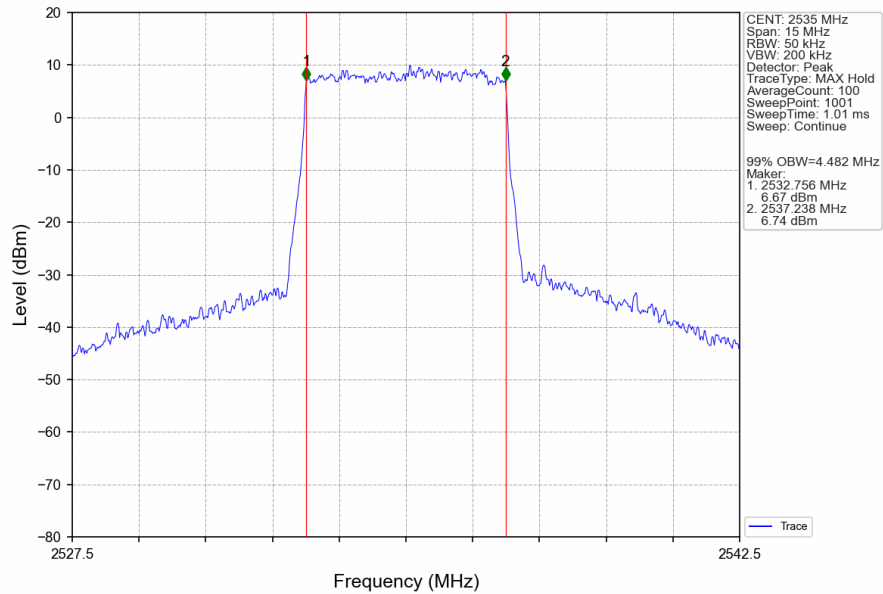
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.945	/	Pass
	16QAM	2535	25	0	4.917	/	Pass
	64QAM	2535	25	0	4.893	/	Pass
10	QPSK	2535	50	0	9.645	/	Pass
	16QAM	2535	50	0	9.653	/	Pass
	64QAM	2535	50	0	9.719	/	Pass
15	QPSK	2535	75	0	14.519	/	Pass
	16QAM	2535	75	0	14.516	/	Pass
	64QAM	2535	75	0	14.429	/	Pass
20	QPSK	2535	100	0	19.217	/	Pass
	16QAM	2535	100	0	19.142	/	Pass
	64QAM	2535	100	0	19.249	/	Pass

3.2 Test Graph

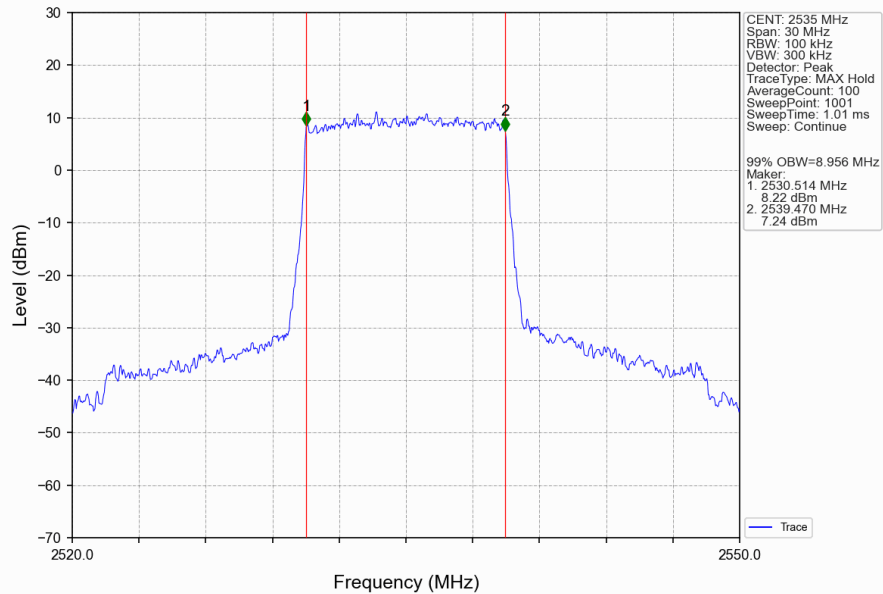
3.2.1 Band7_OBW



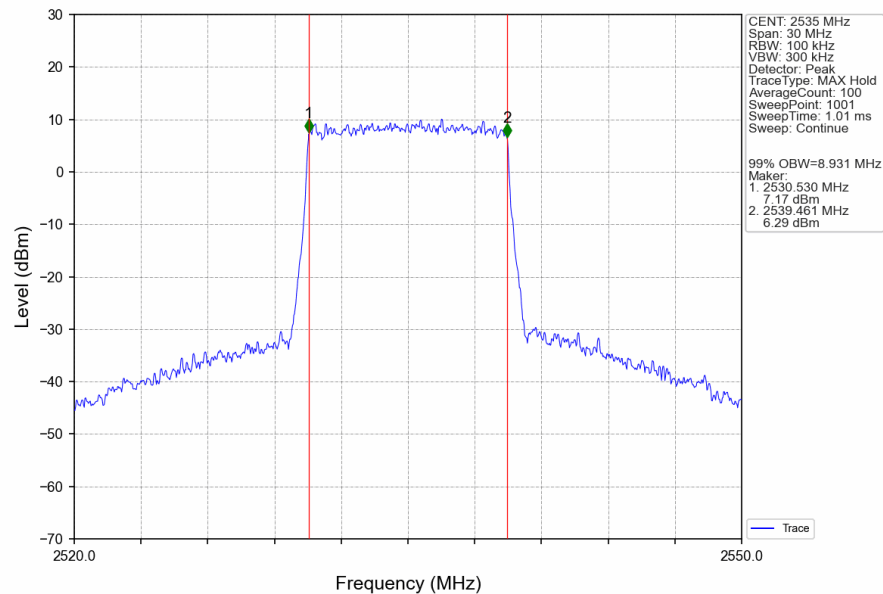
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



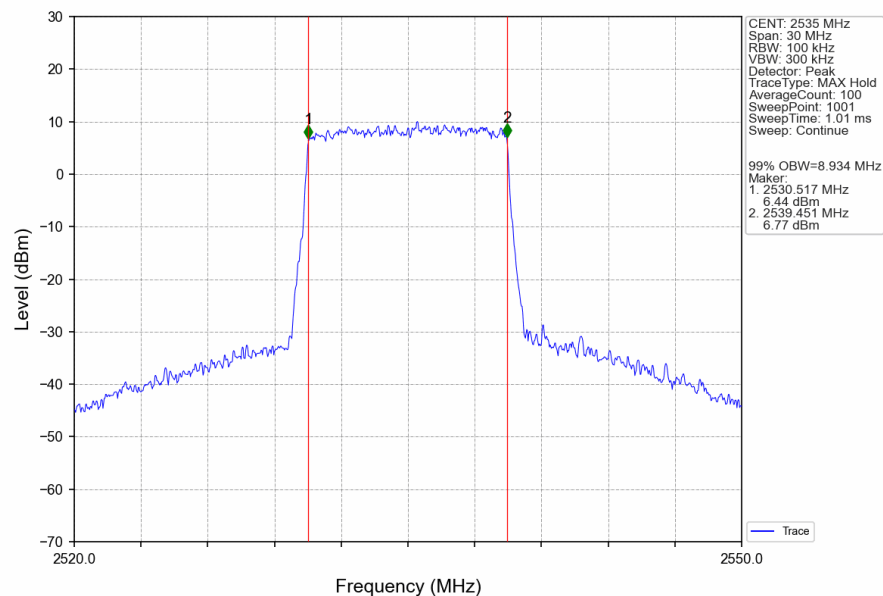
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



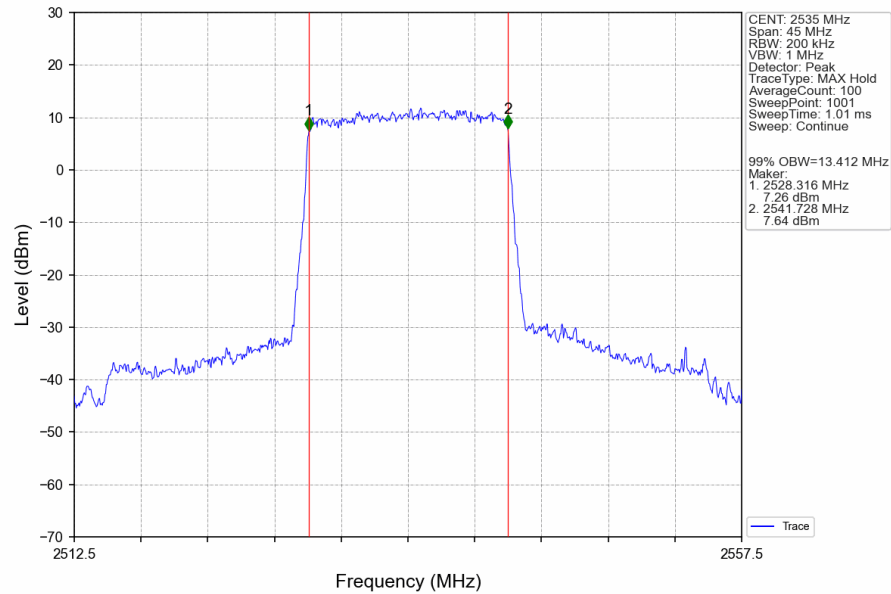
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



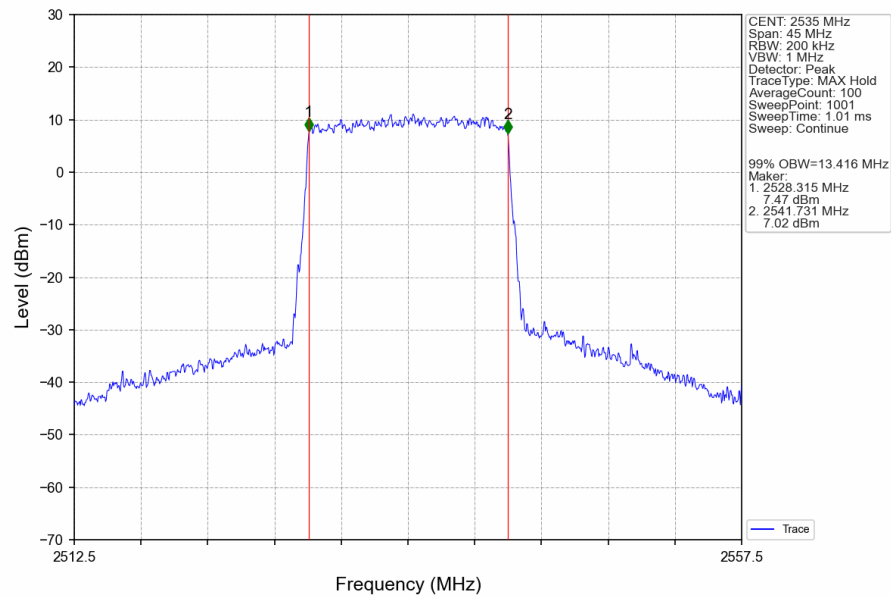
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



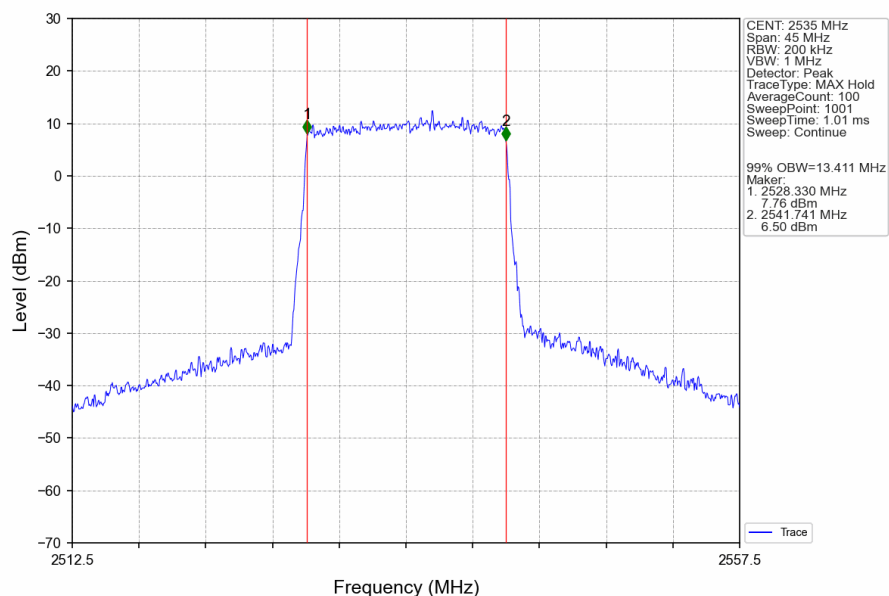
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



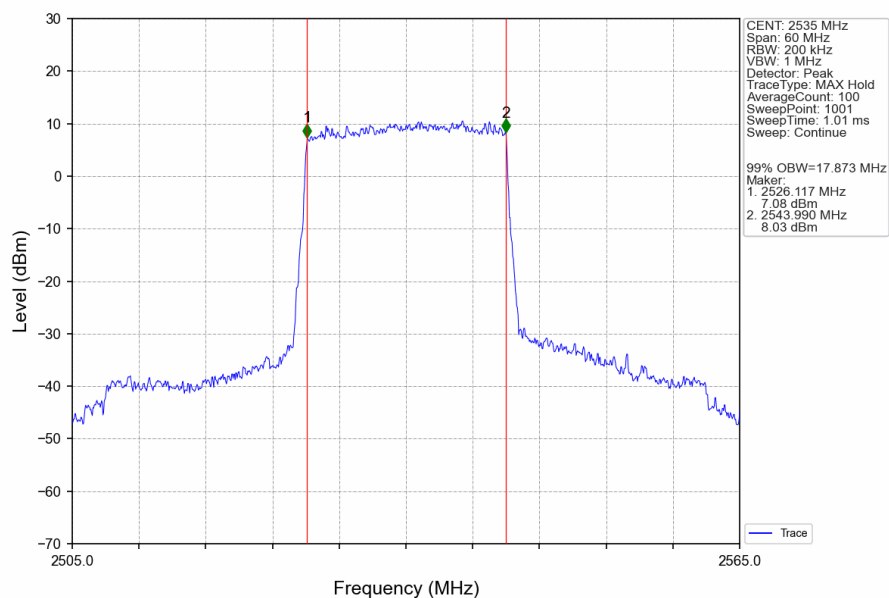
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



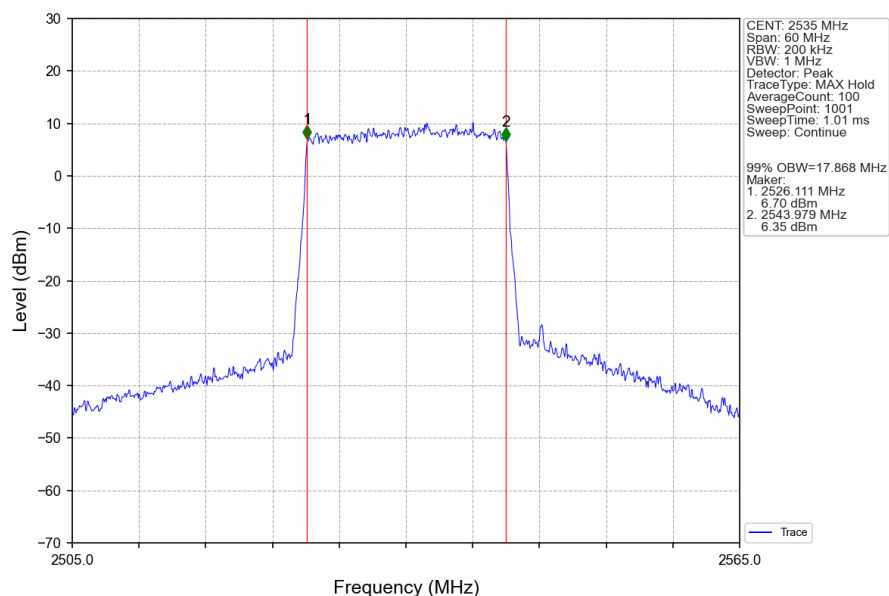
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



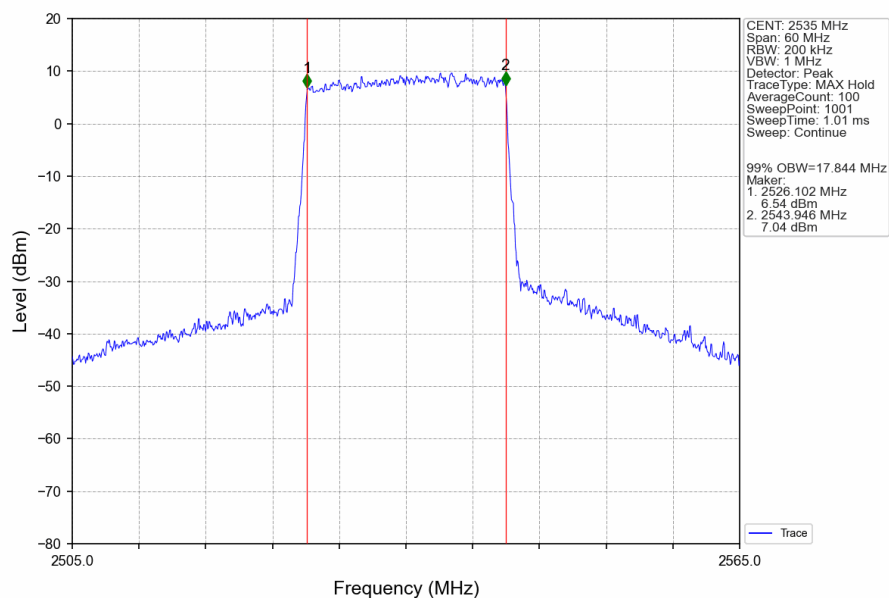
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



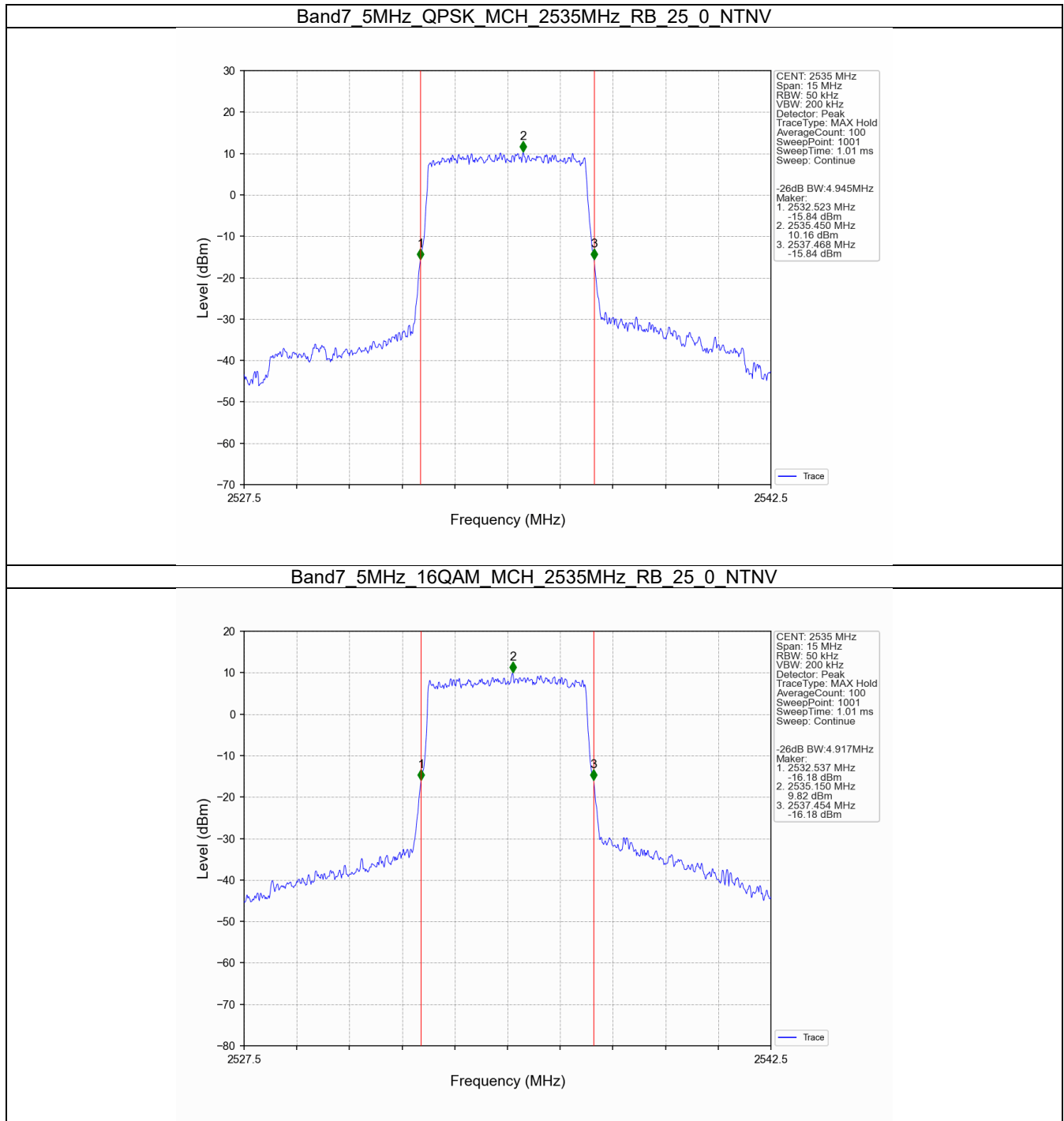
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



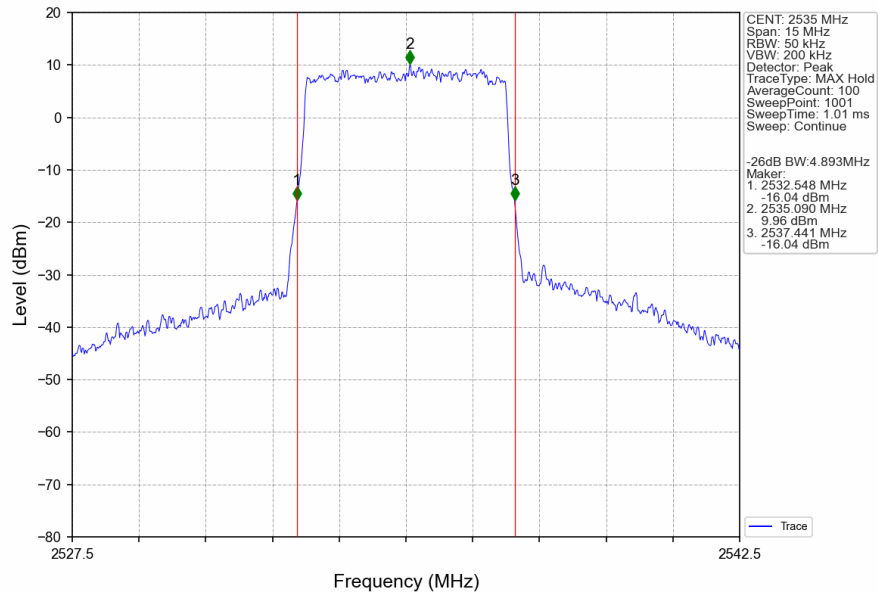
Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



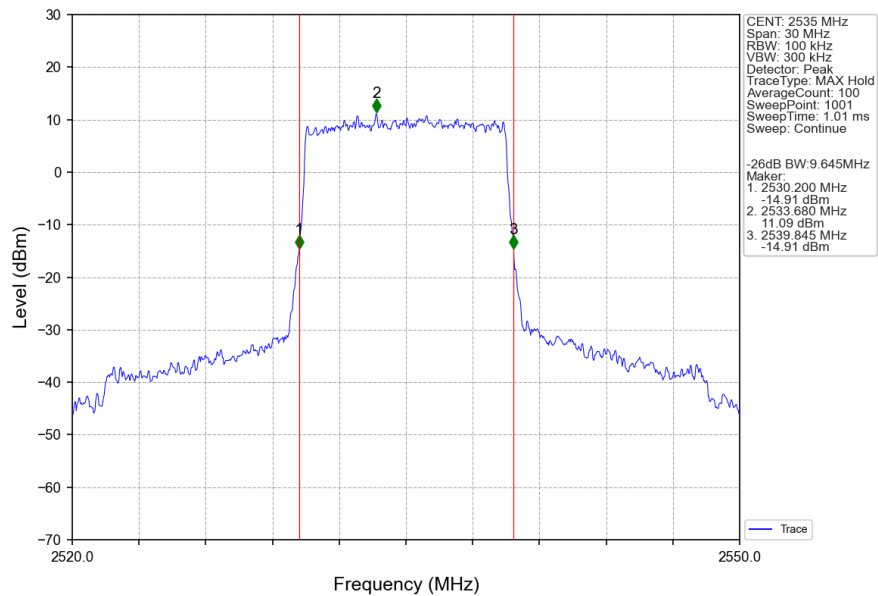
3.2.2 Band7_XDB



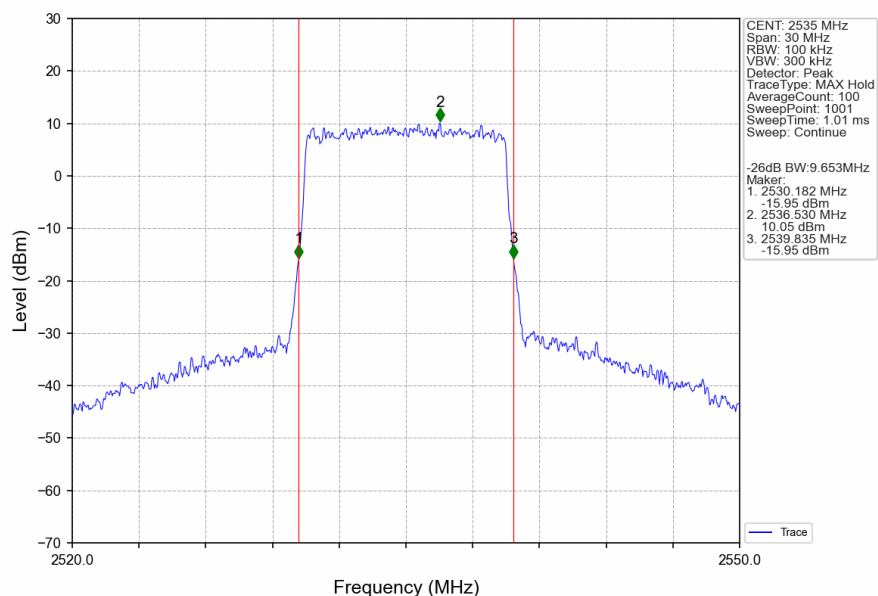
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



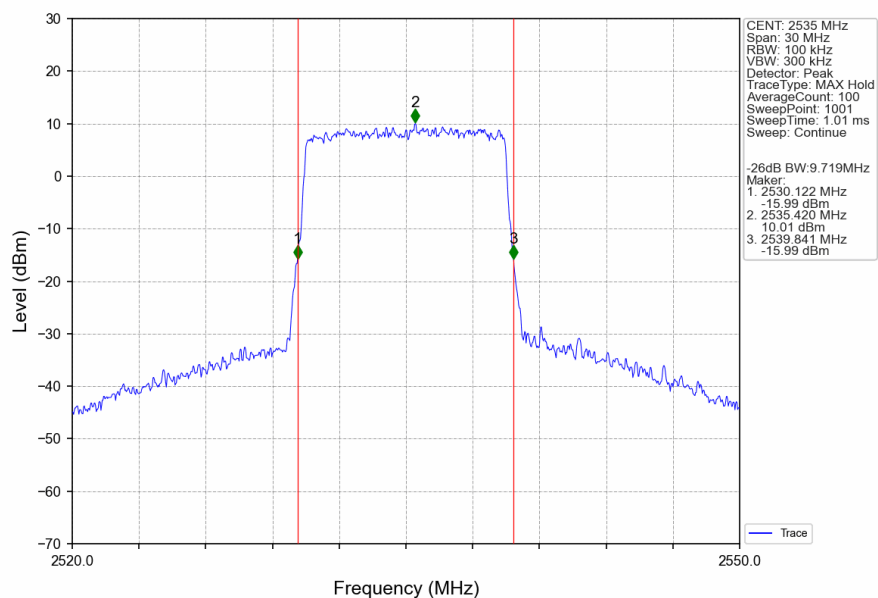
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



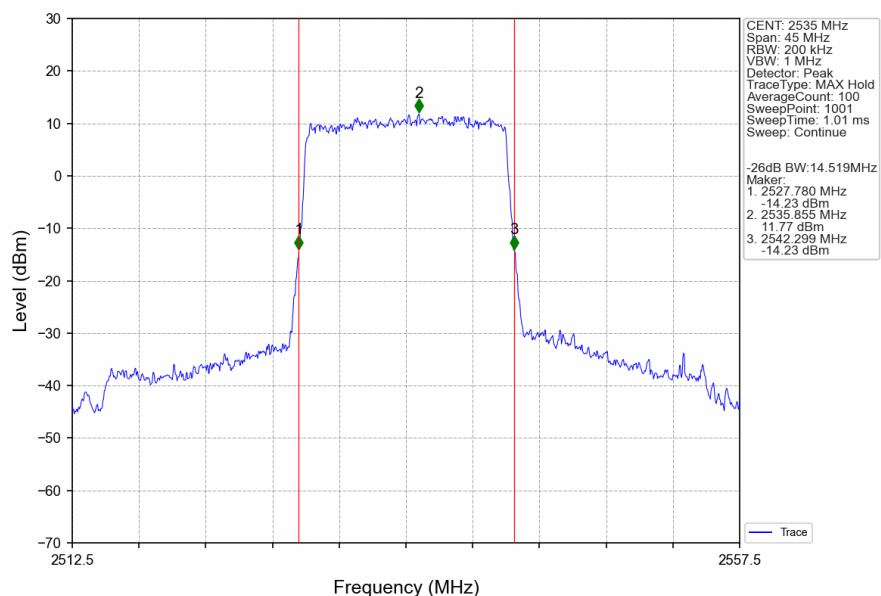
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



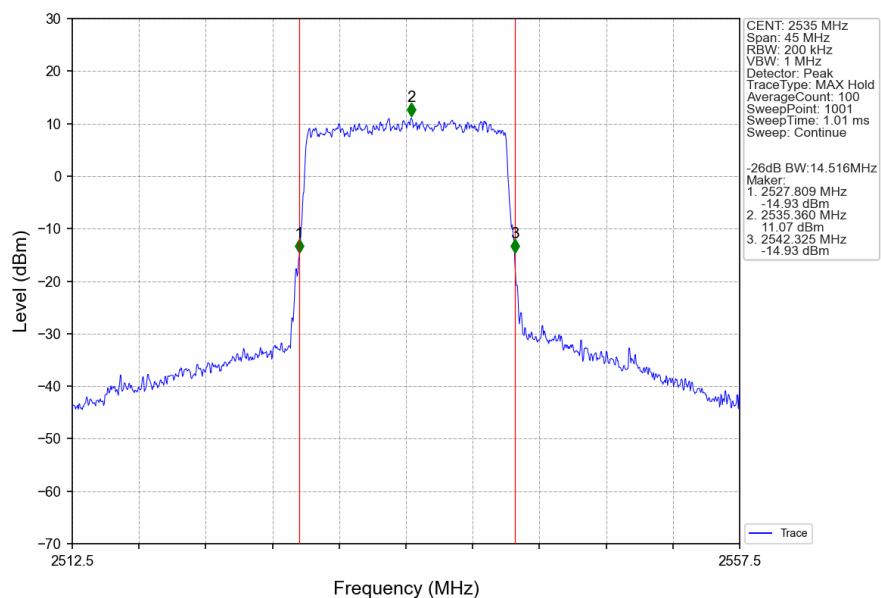
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



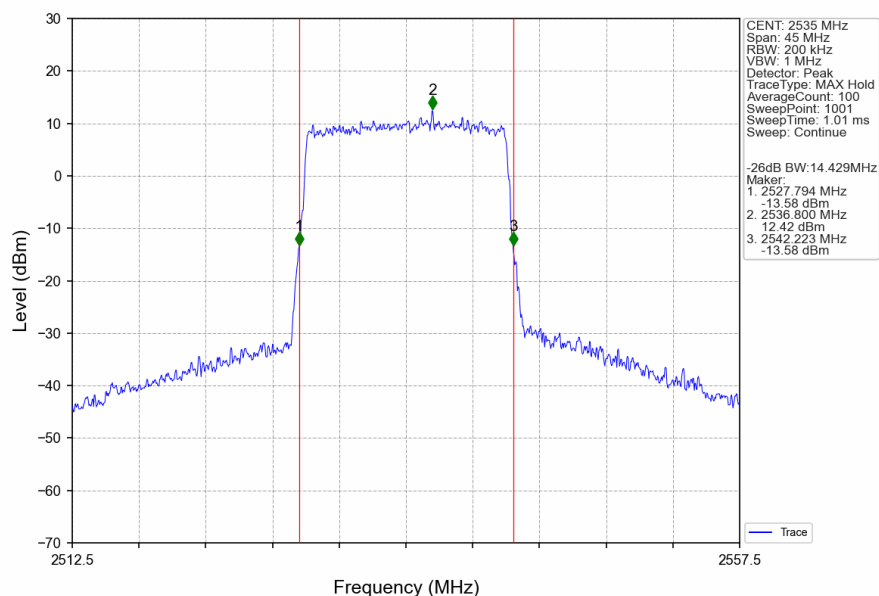
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



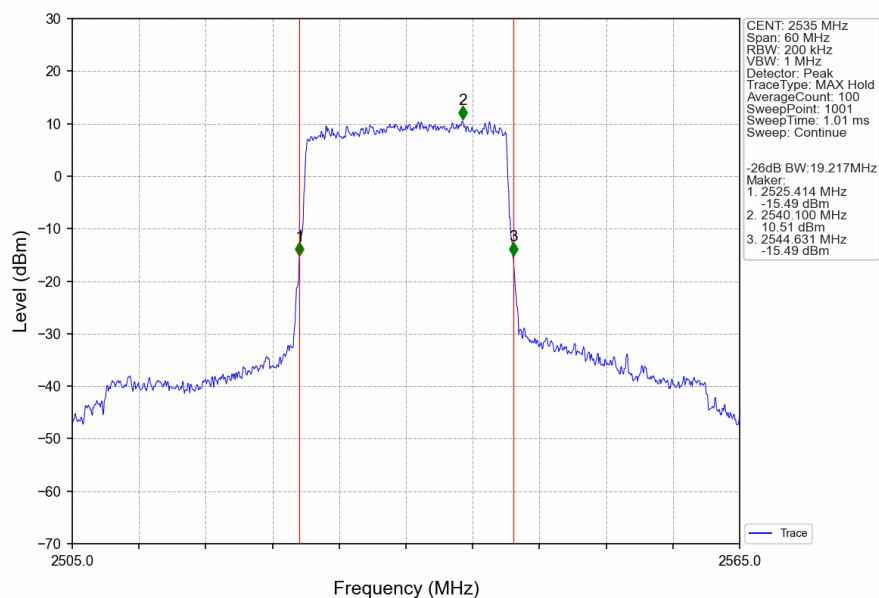
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



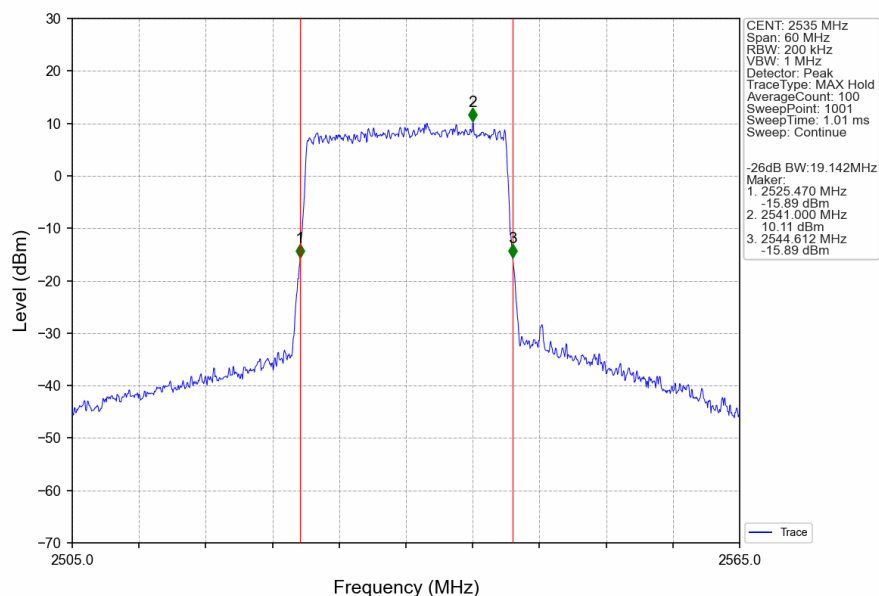
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



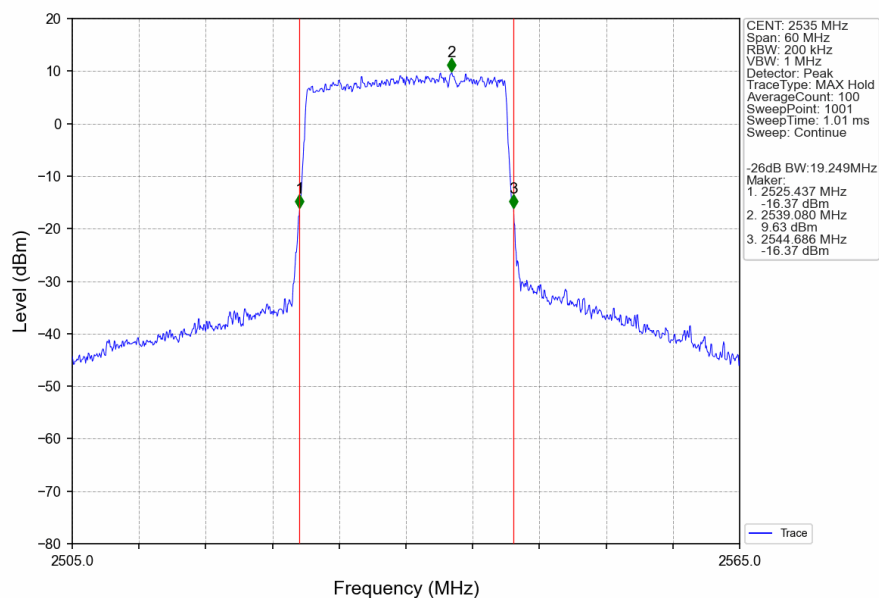
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV





Report No.: SUCR260700064209
Page: 20 of 52

4. Peak-Average Ratio

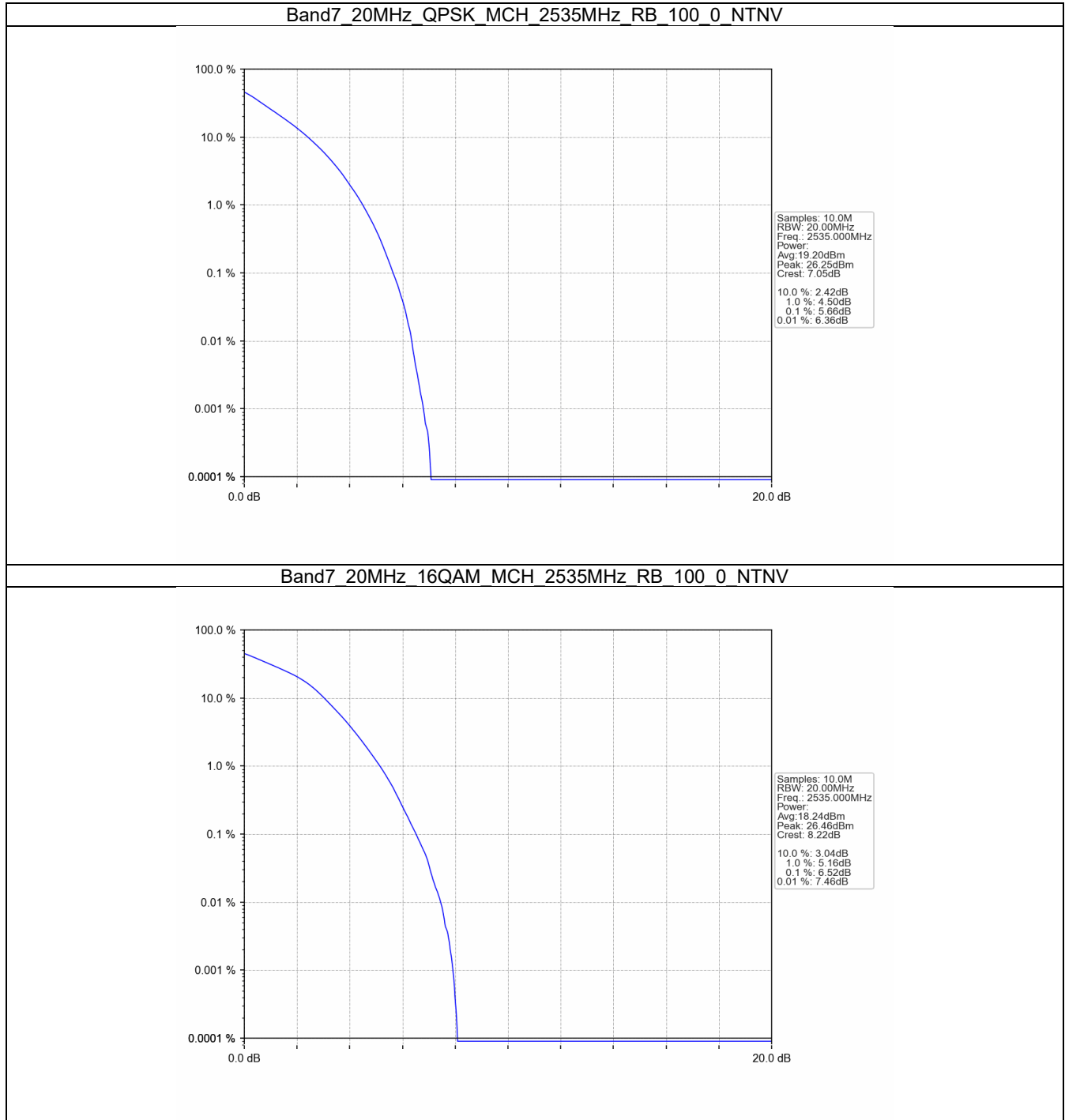
4.1 Test Result

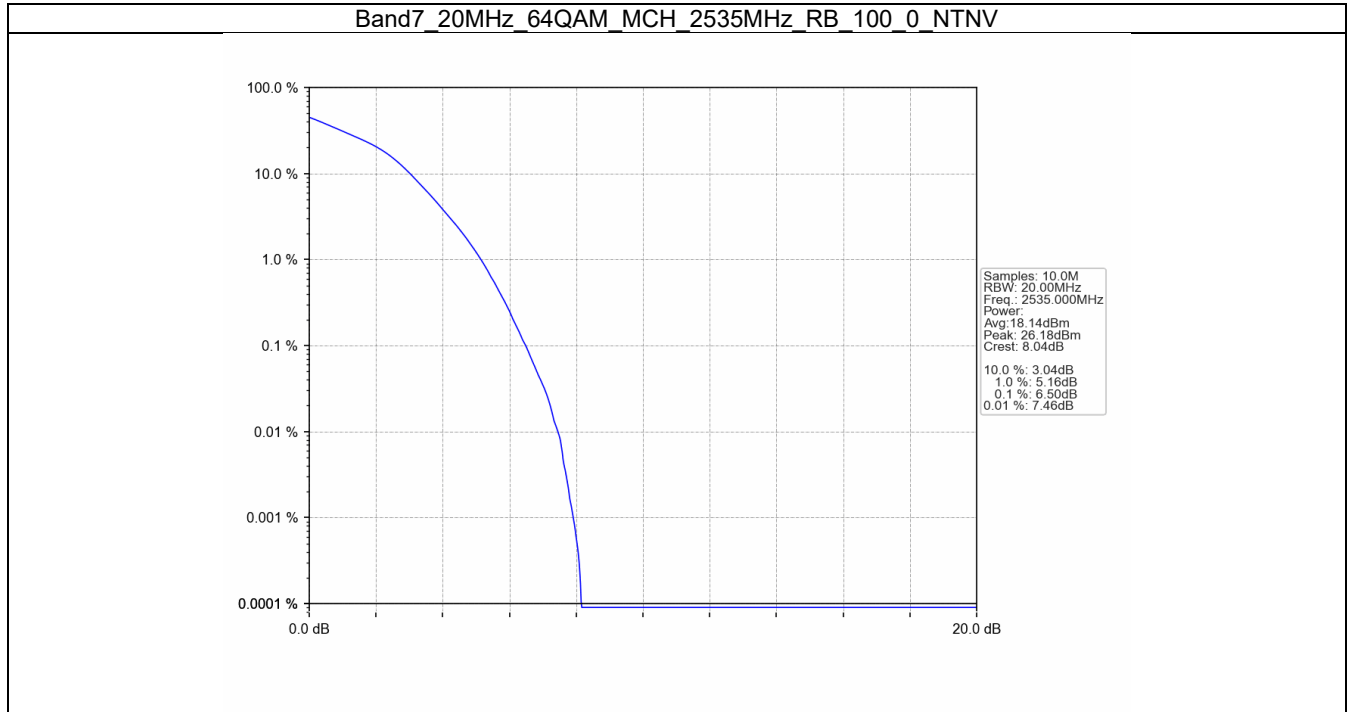
4.1.1 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.66	<=13	Pass
16QAM	2535	100	0	6.52	<=13	Pass
64QAM	2535	100	0	6.50	<=13	Pass

4.2 Test Graph

4.2.1 B7_20MHz







Report No.: SUCR260700064209

Page: 23 of 52

5. Spurious Emission

5.1 Test Result

5.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2502.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
	2567.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2505	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
	2565	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

5.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2507.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
	2562.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

5.1.4 B7_20MHz

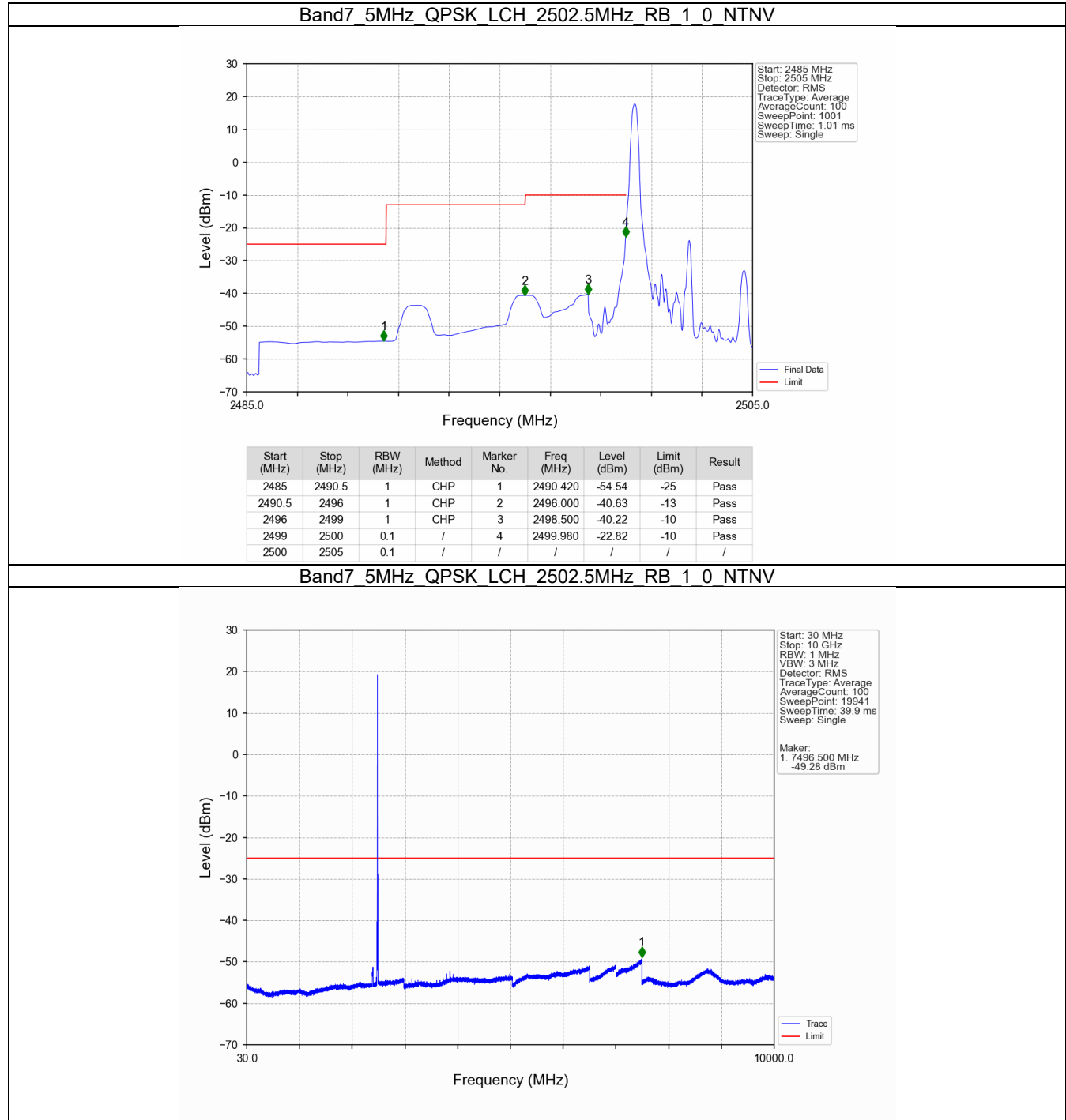
Band: 7 / Bandwidth: 20MHz / NTNV				
Modulation	Frequency	RB Allocation	Spurious Emission	Verdict



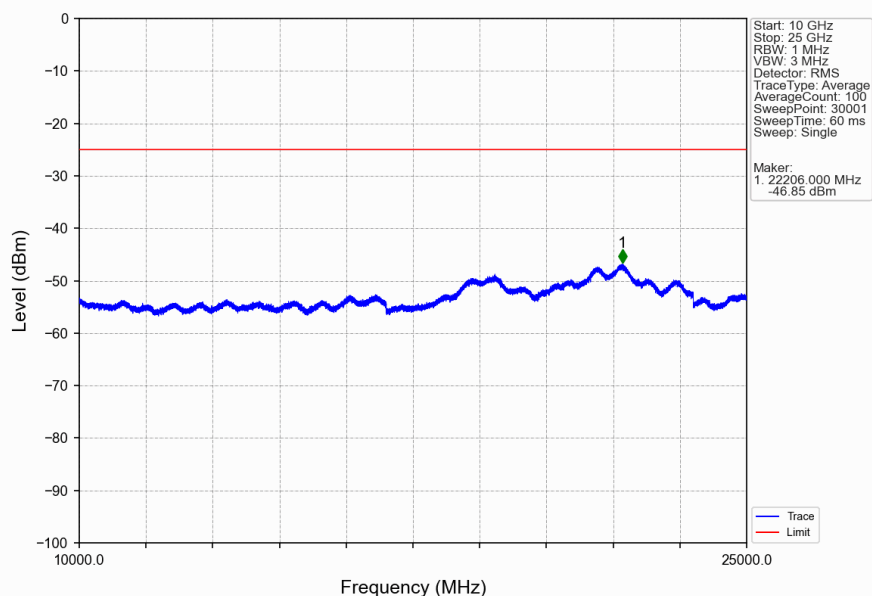
	(MHz)	Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

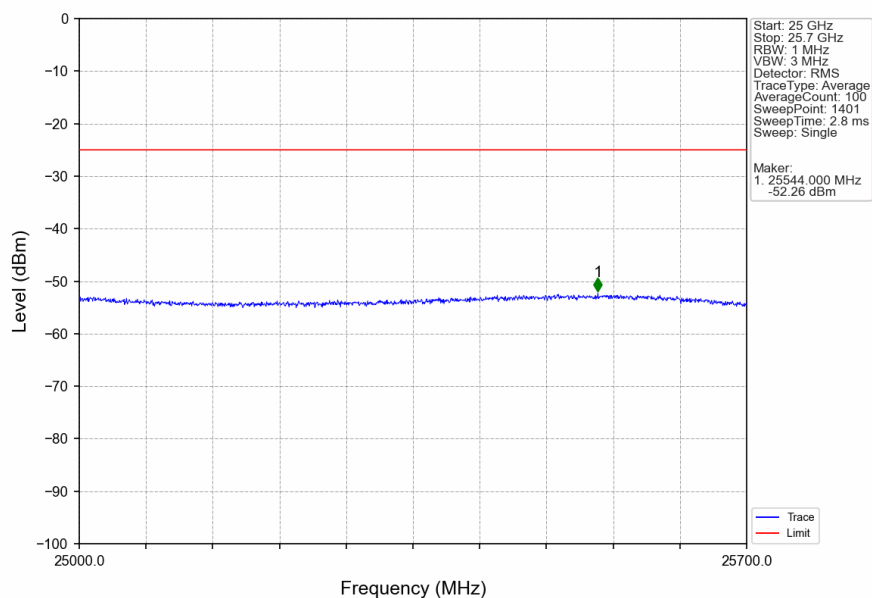
5.2.1 B7_5MHz



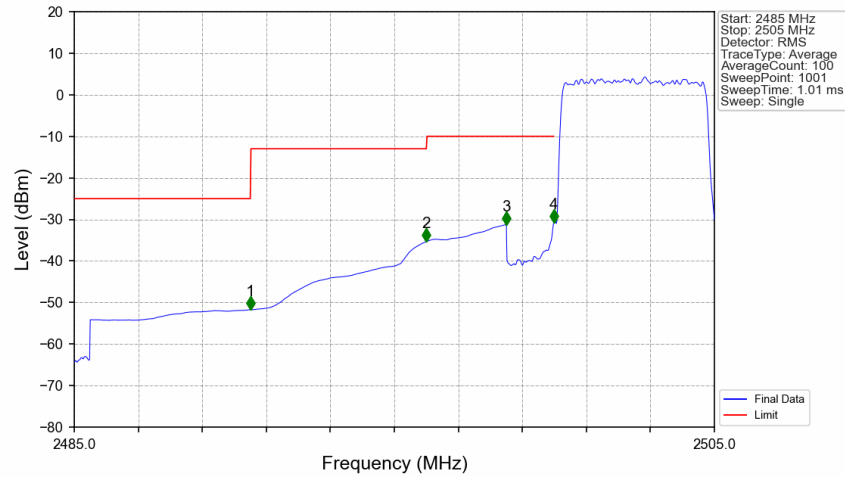
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

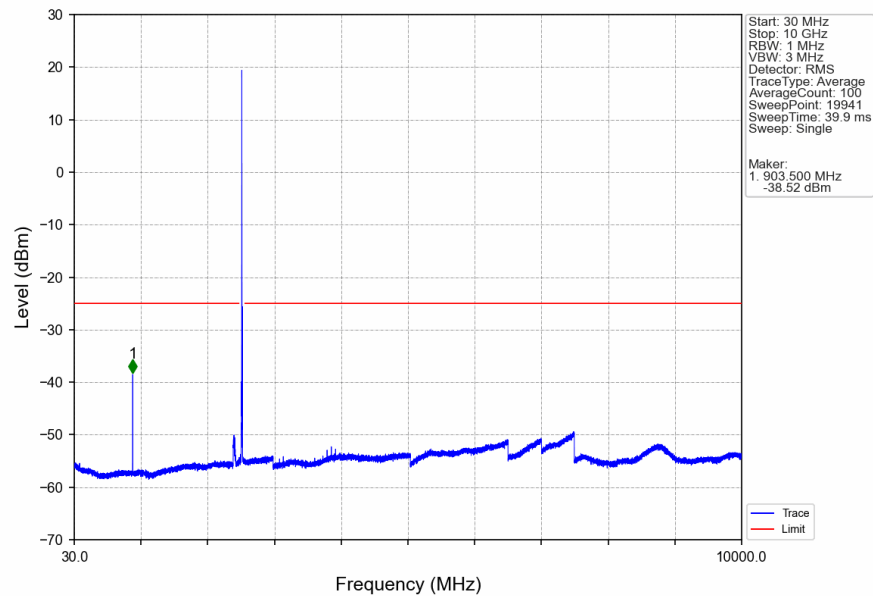


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

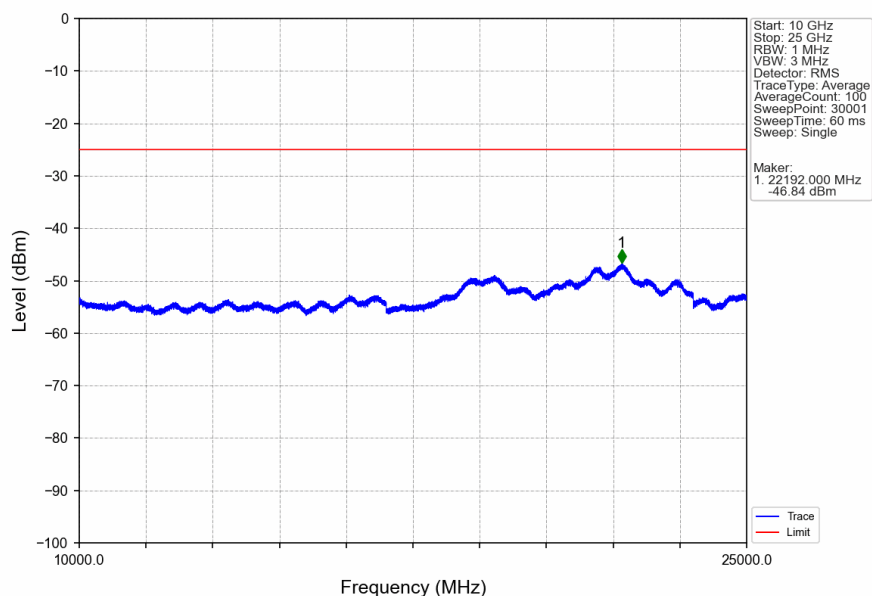


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-51.72	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-35.38	-13	Pass
2496	2499	1	CHP	3	2498.500	-31.28	-10	Pass
2499	2500	0.1	/	4	2499.980	-30.74	-10	Pass
2500	2505	0.1	/	/	/	/	/	/

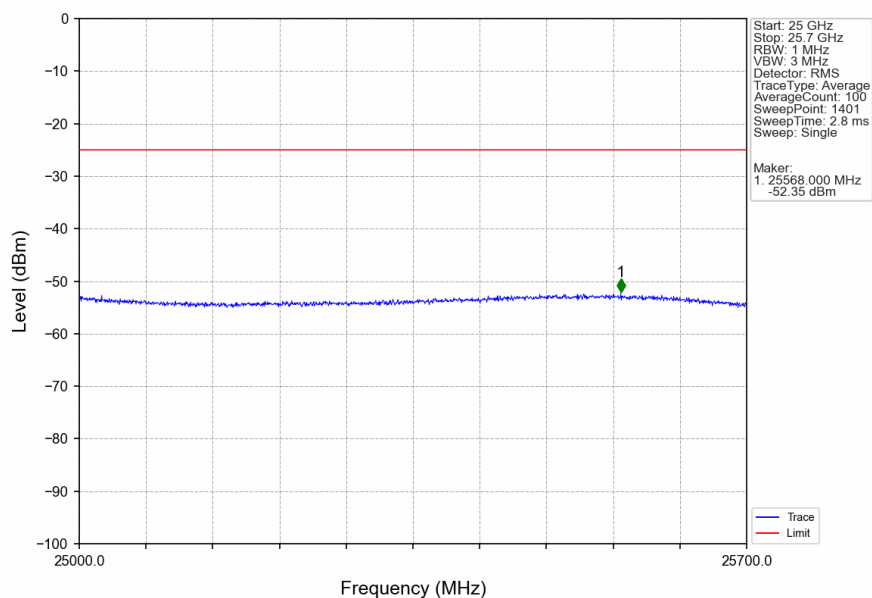
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



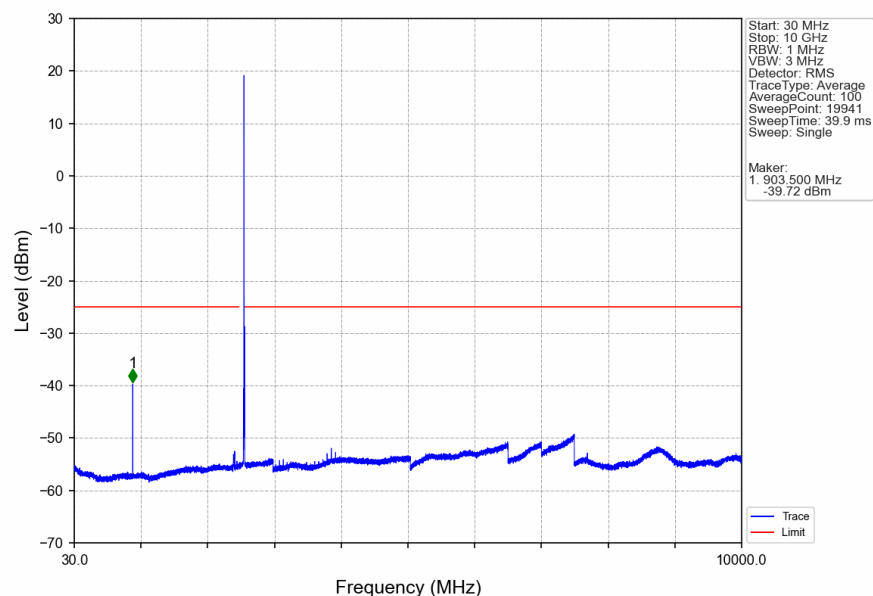
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



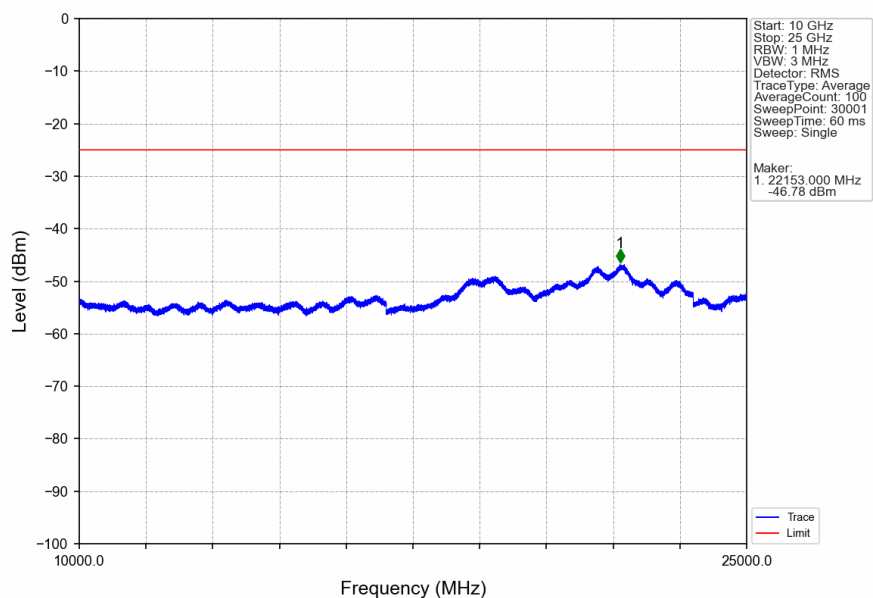
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

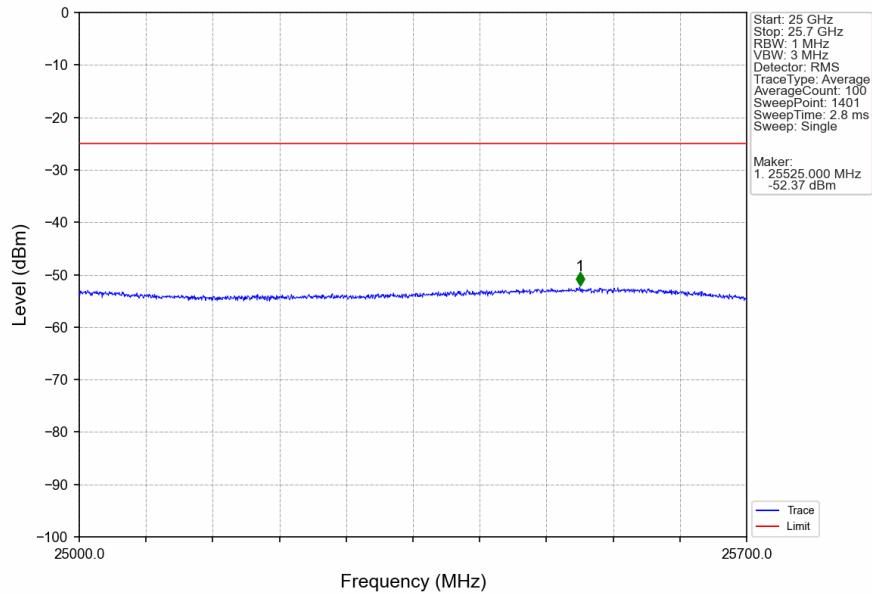


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

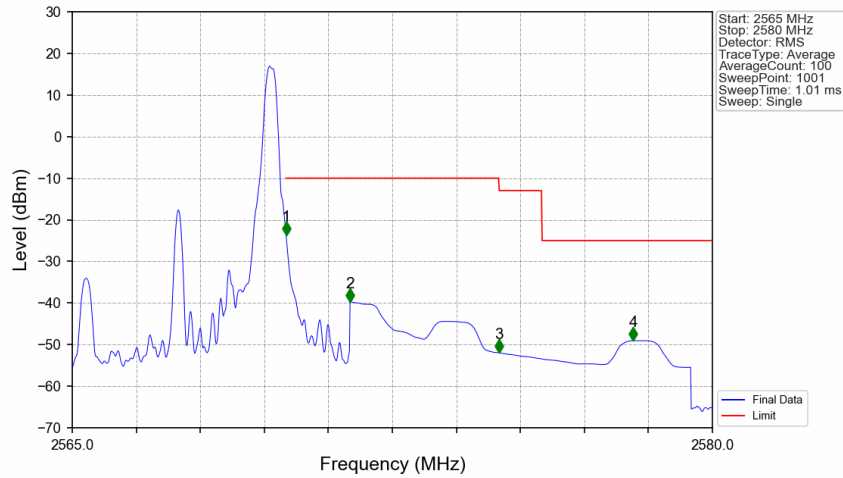




Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

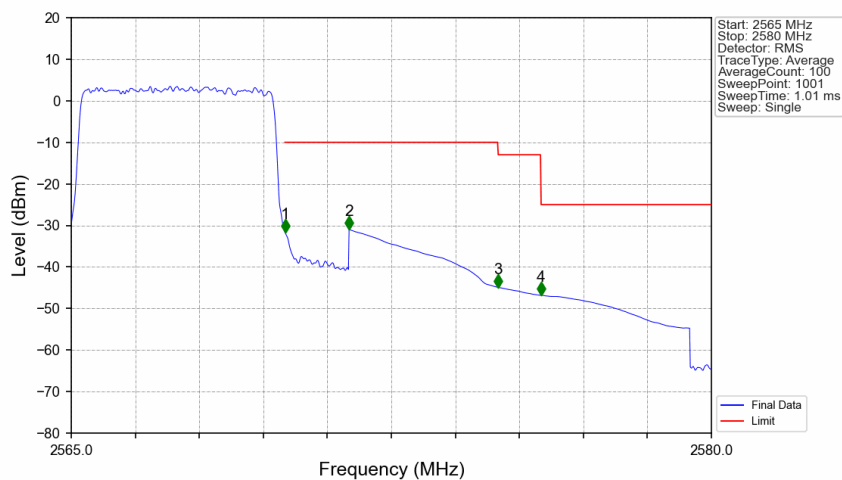


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



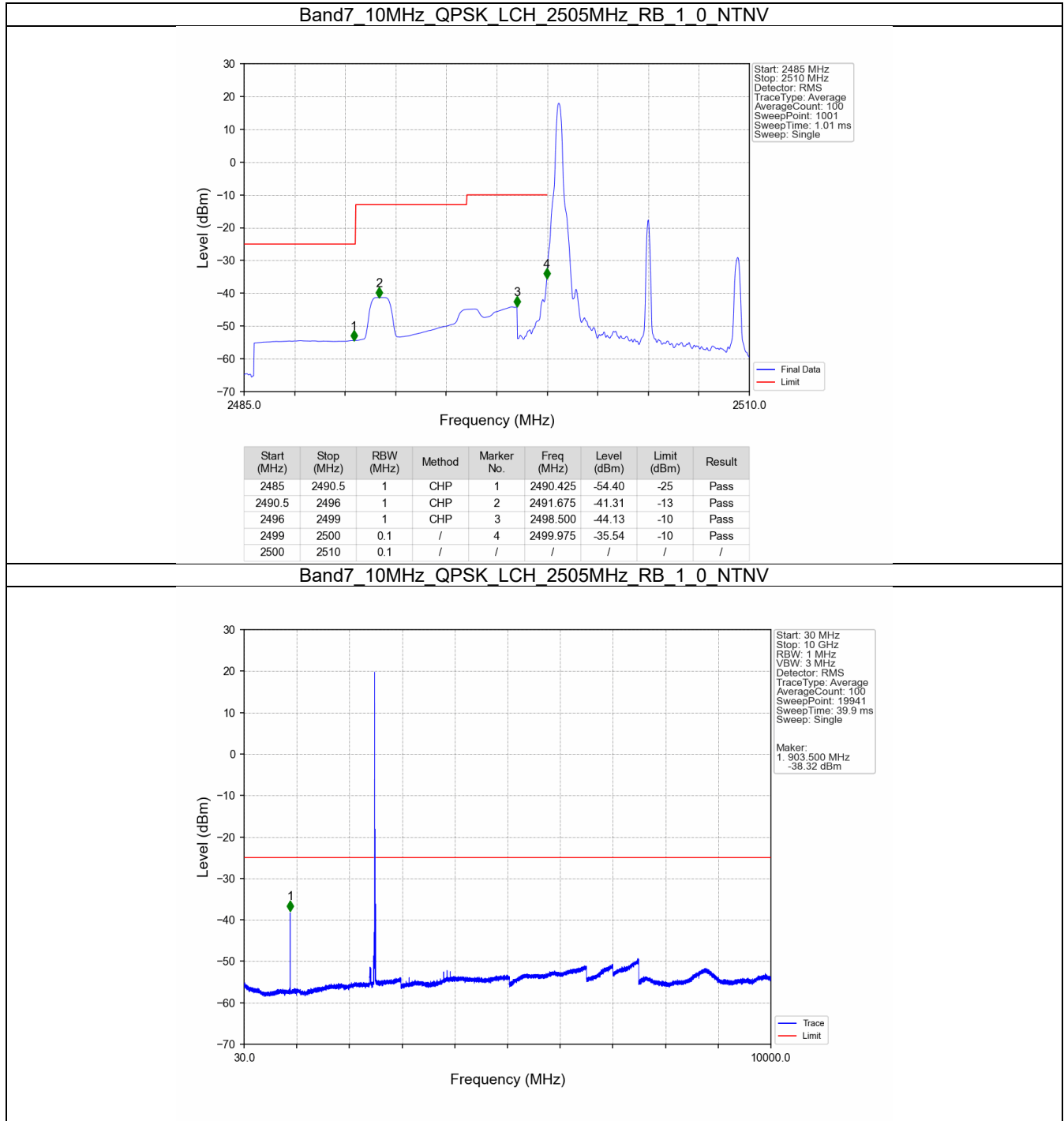
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.010	-23.60	-10	Pass
2571	2575	1	CHP	2	2571.510	-39.63	-10	Pass
2575	2576	1	CHP	3	2575.005	-51.98	-13	Pass
2576	2580	1	CHP	4	2578.140	-49.06	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

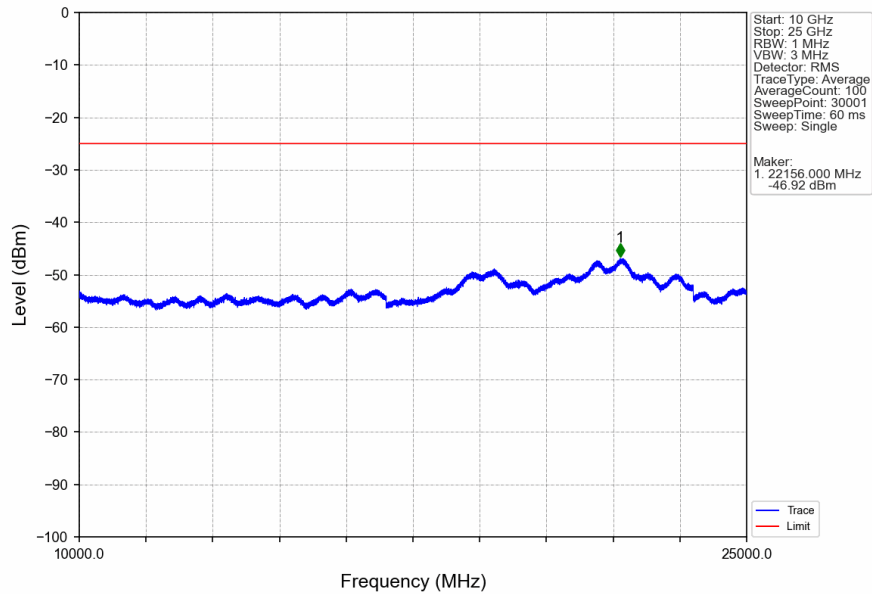


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.010	-31.71	-10	Pass
2571	2575	1	CHP	2	2571.510	-31.00	-10	Pass
2575	2576	1	CHP	3	2575.005	-44.95	-13	Pass
2576	2580	1	CHP	4	2576.010	-46.82	-25	Pass

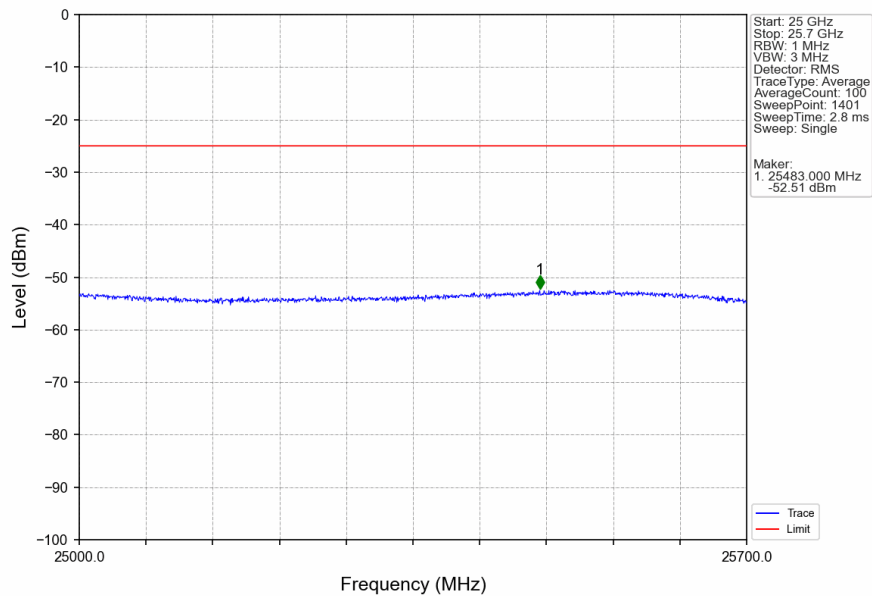
5.2.2 B7_10MHz



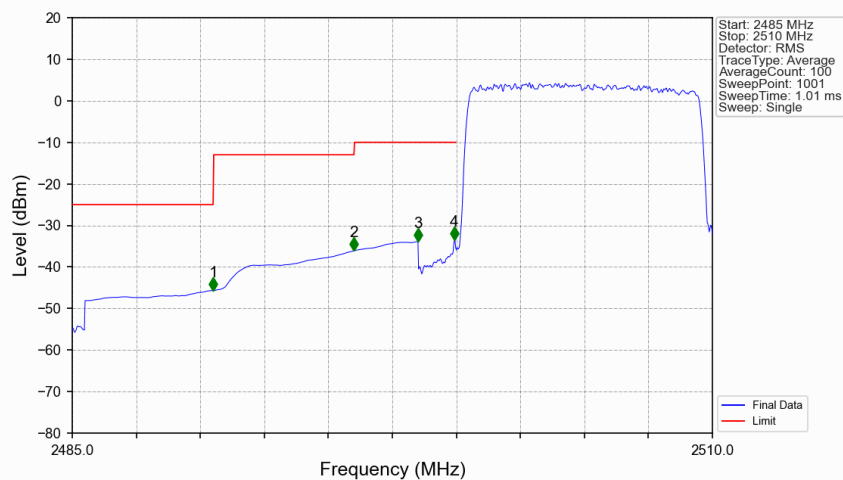
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

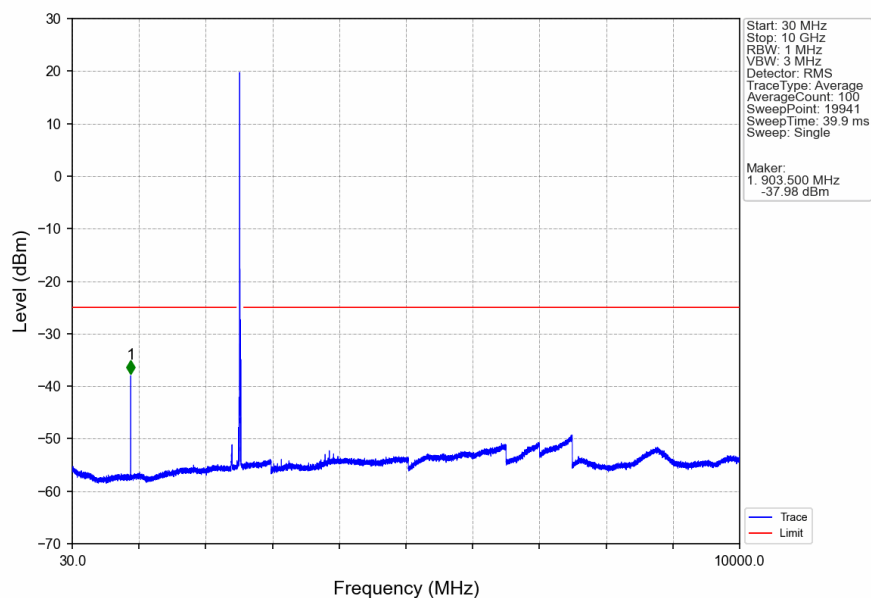


Band7 10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

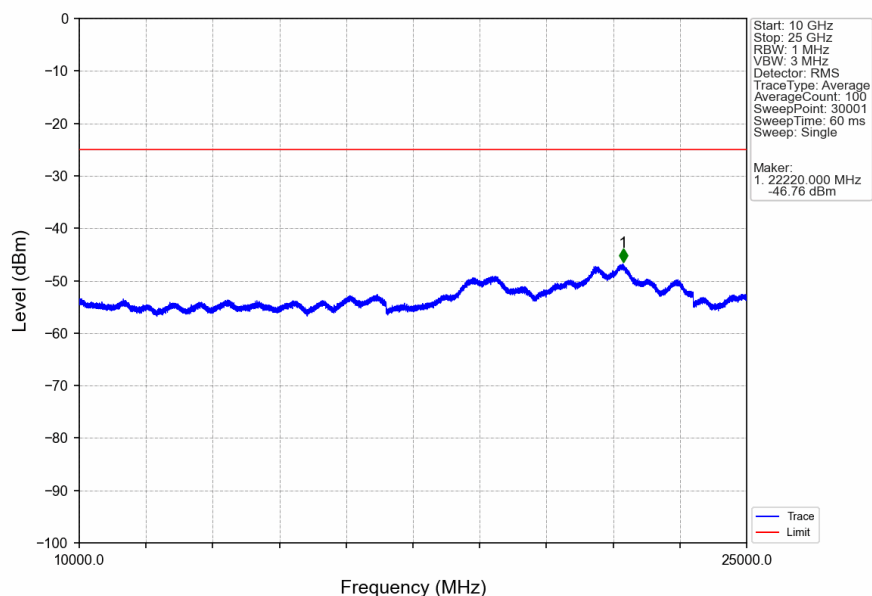


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-45.66	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-36.10	-13	Pass
2496	2499	1	CHP	3	2498.500	-33.86	-10	Pass
2499	2500	0.2	/	4	2499.925	-33.42	-10	Pass
2500	2510	0.2	/	/	/	/	/	/

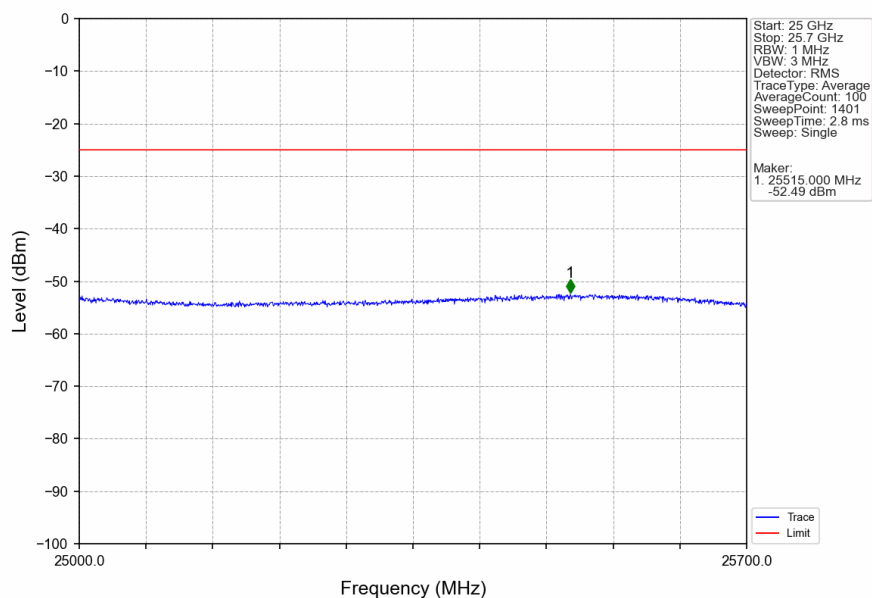
Band7 10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



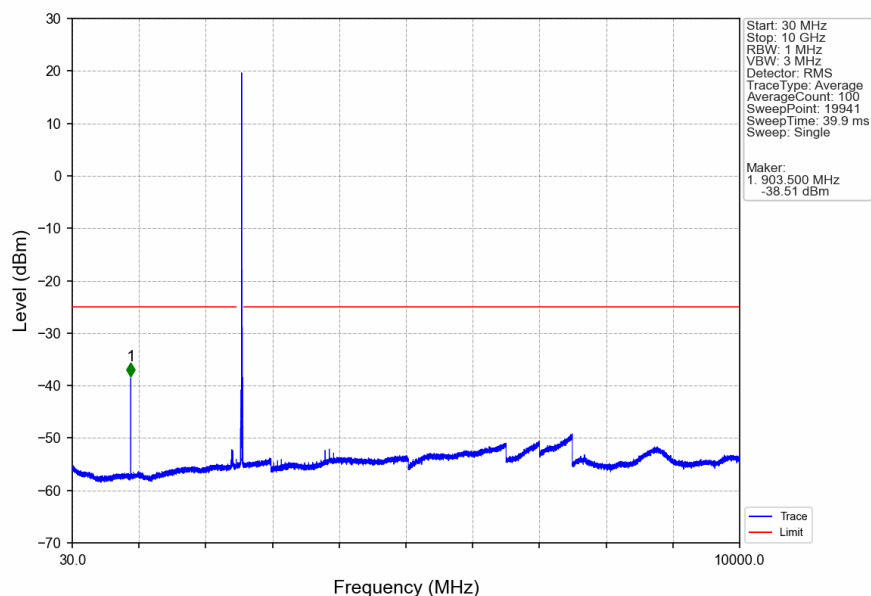
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



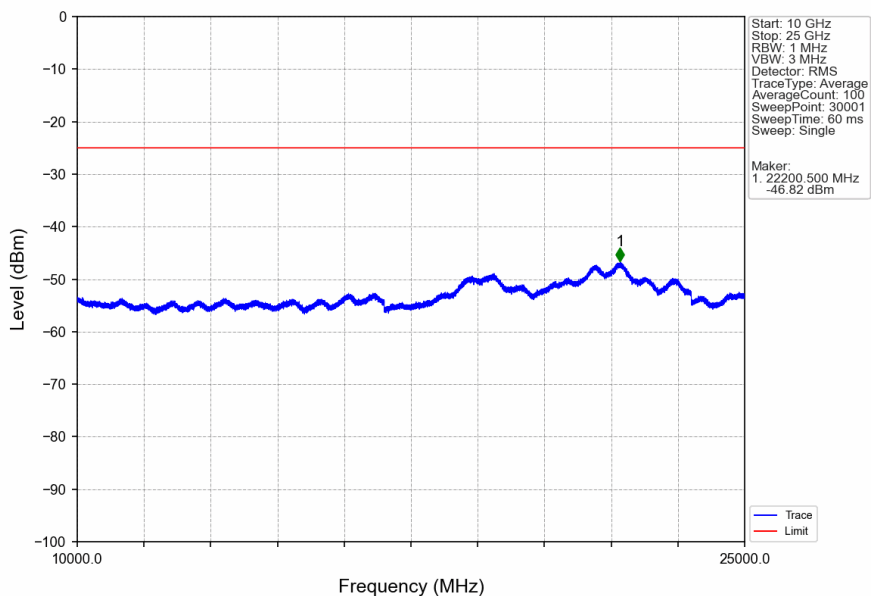
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



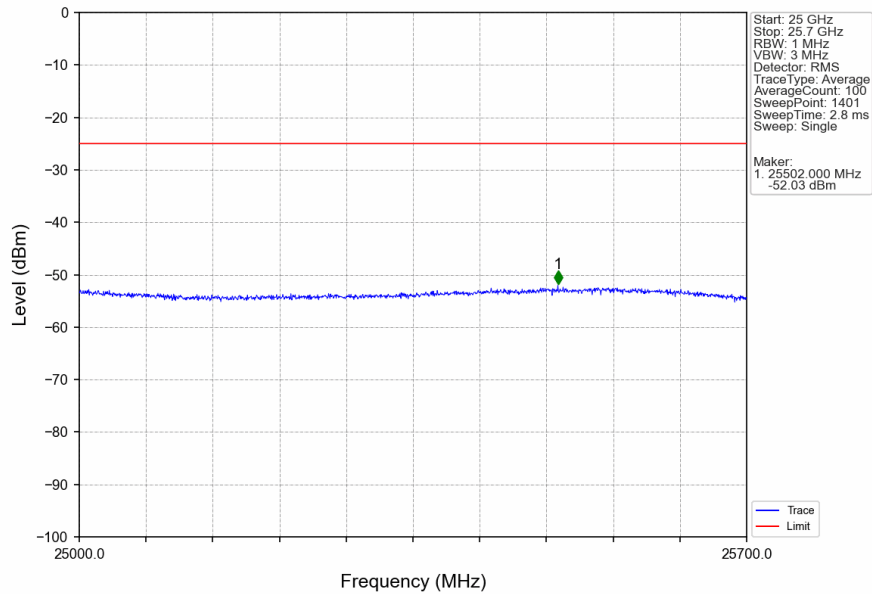
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



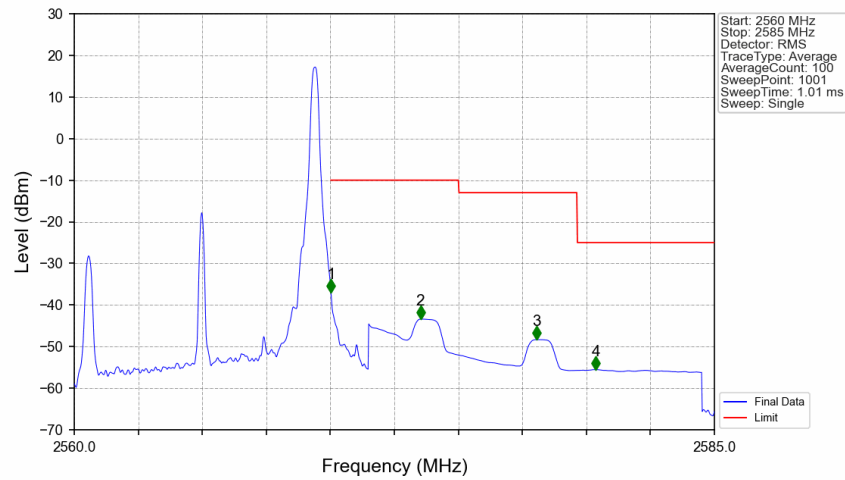
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



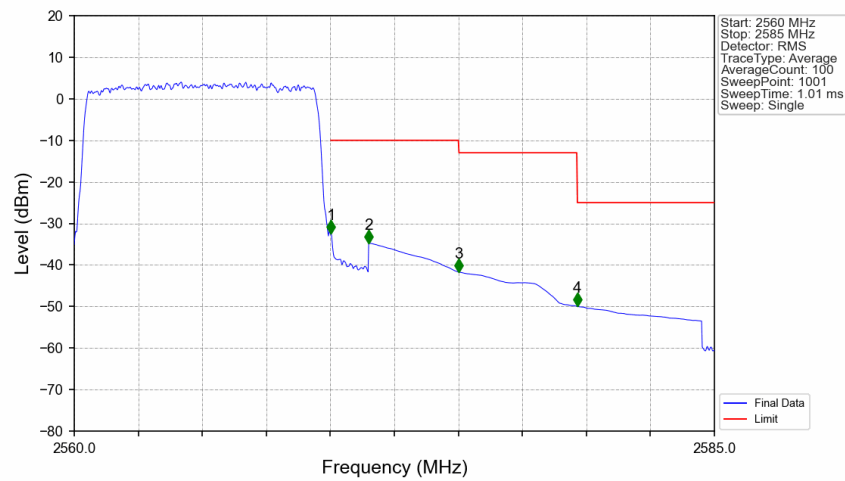
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.025	-36.95	-10	Pass
2571	2575	1	CHP	2	2573.525	-43.39	-10	Pass
2575	2579.645	1	CHP	3	2578.050	-48.34	-13	Pass
2579.645	2585	1	CHP	4	2580.375	-55.53	-25	Pass



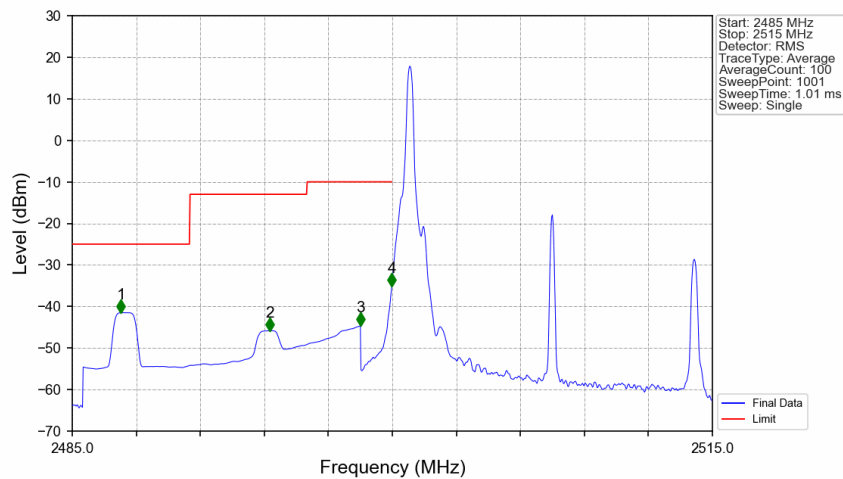
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.2	/	/	/	/	/	/
2570	2571	0.2	/	1	2570.025	-32.33	-10	Pass
2571	2575	1	CHP	2	2571.500	-34.70	-10	Pass
2575	2579.645	1	CHP	3	2575.025	-41.70	-13	Pass
2579.645	2585	1	CHP	4	2579.650	-49.97	-25	Pass

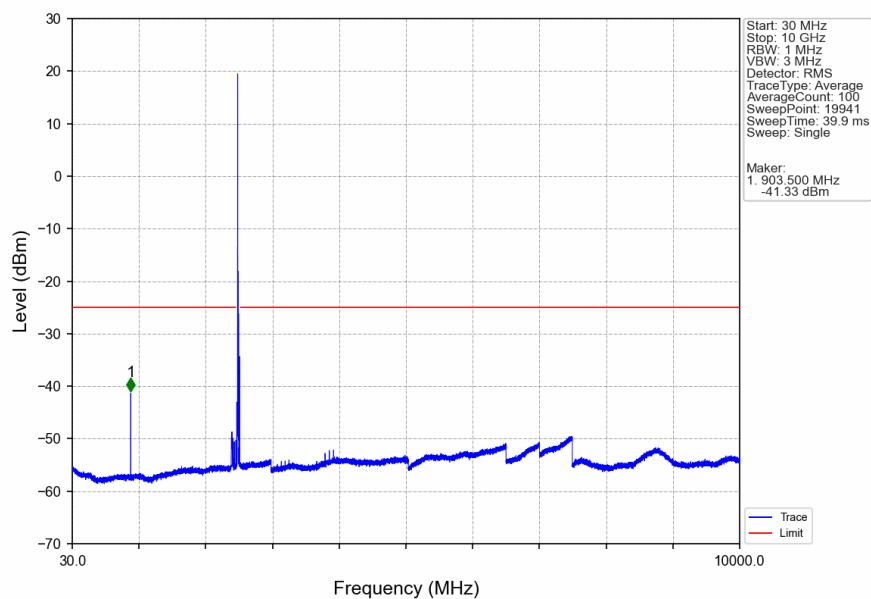
5.2.3 B7_15MHz

Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

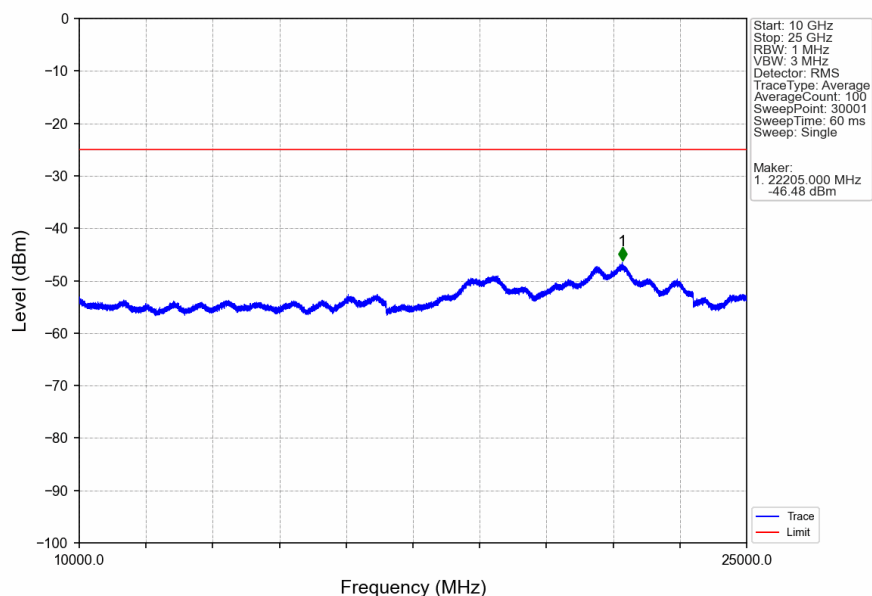


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.280	-41.51	-25	Pass
2490.5	2496	1	CHP	2	2494.270	-45.83	-13	Pass
2496	2499	1	CHP	3	2498.500	-44.71	-10	Pass
2499	2500	0.1	/	4	2499.970	-35.13	-10	Pass
2500	2515	0.1	/	/	/	/	/	/

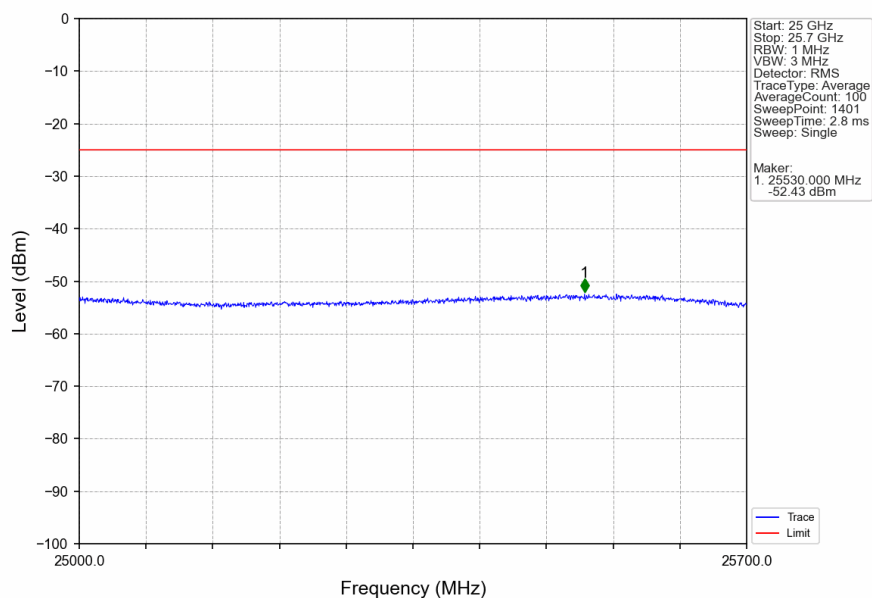
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



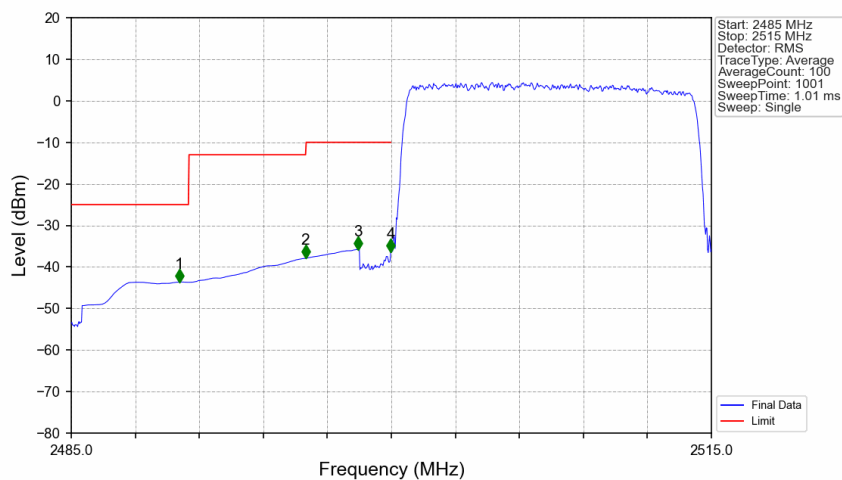
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

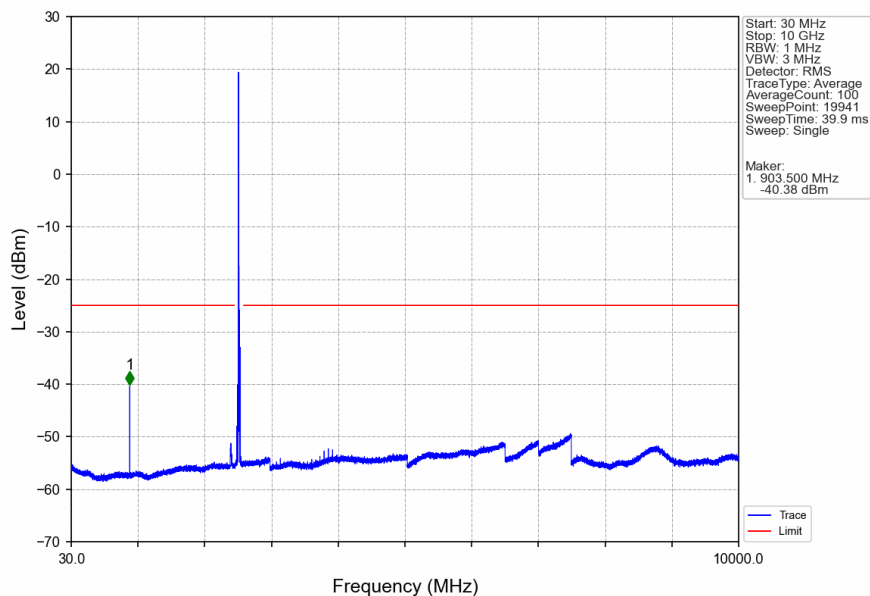


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

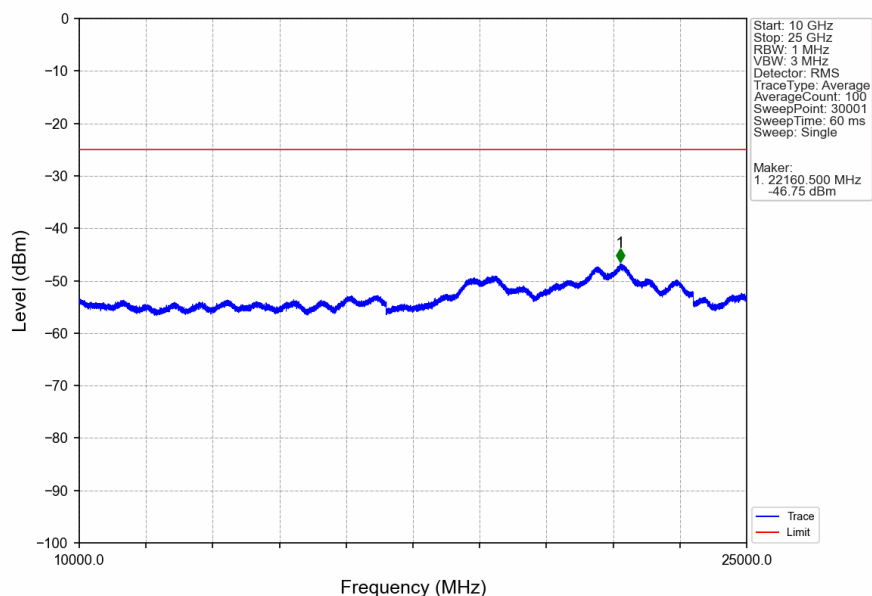


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.070	-43.63	-25	Pass
2490.5	2496	1	CHP	2	2495.980	-37.92	-13	Pass
2496	2499	1	CHP	3	2498.440	-35.78	-10	Pass
2499	2500	0.3	/	4	2499.970	-36.42	-10	Pass
2500	2515	0.3	/	/	/	/	/	/

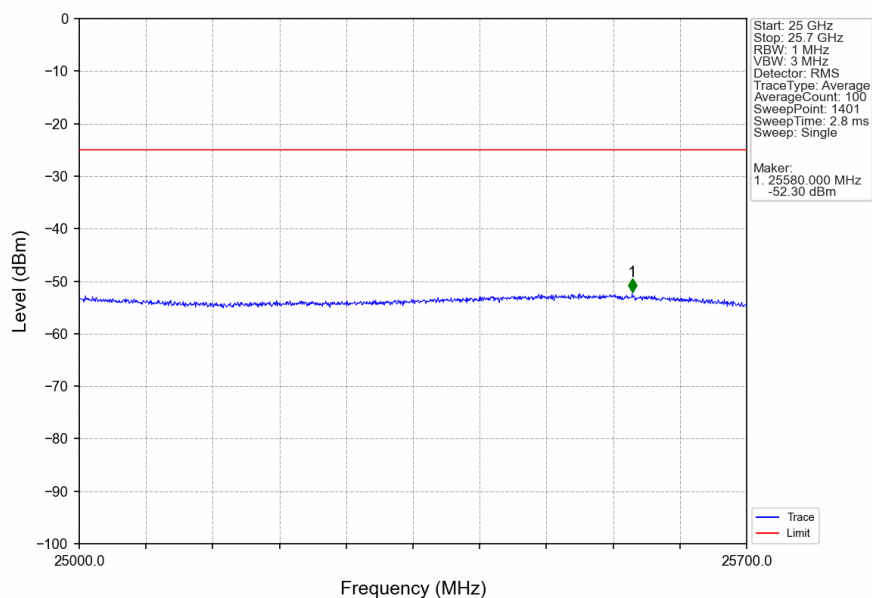
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



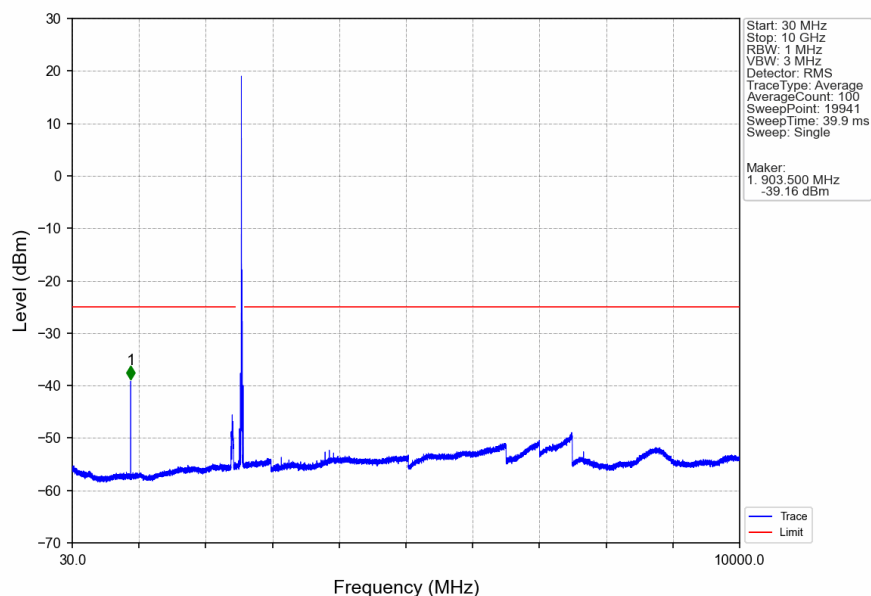
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



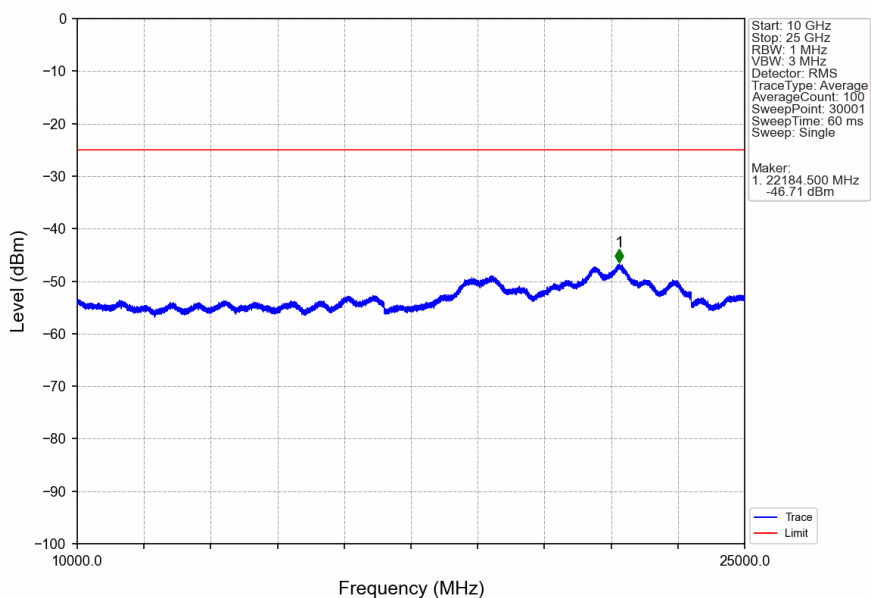
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



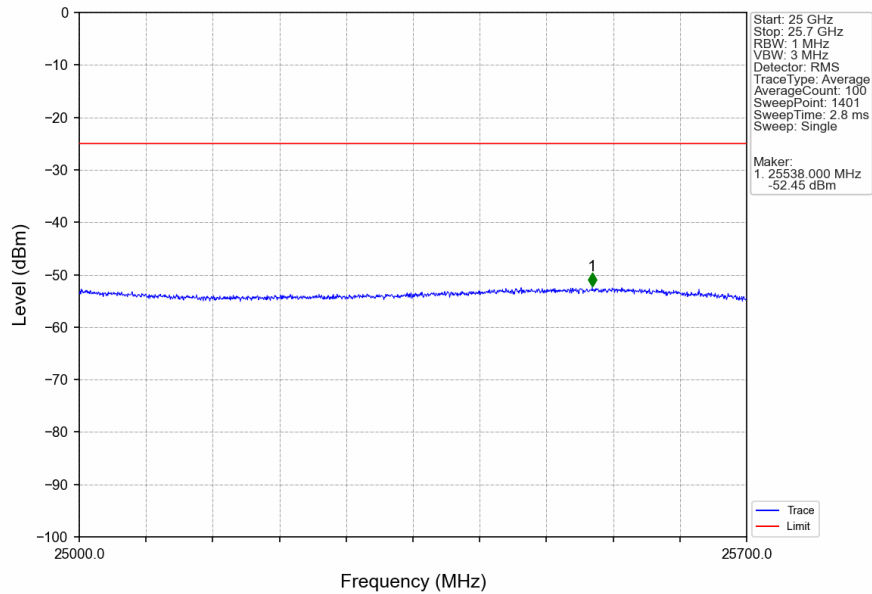
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



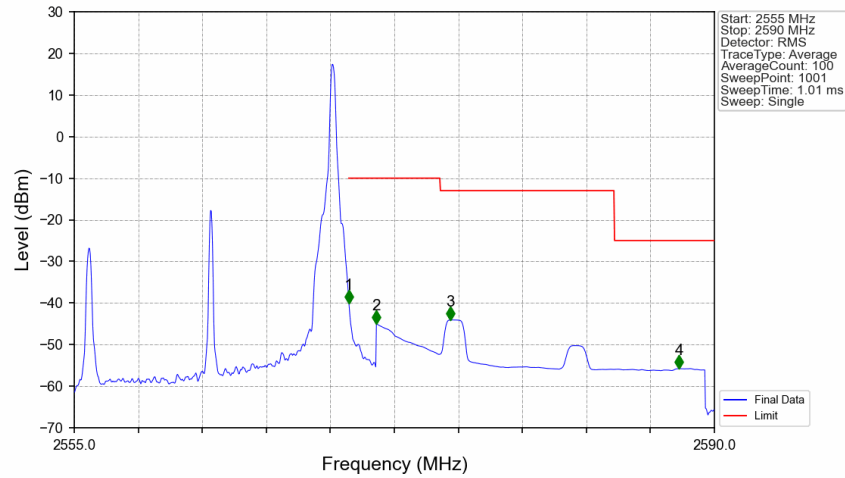
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV

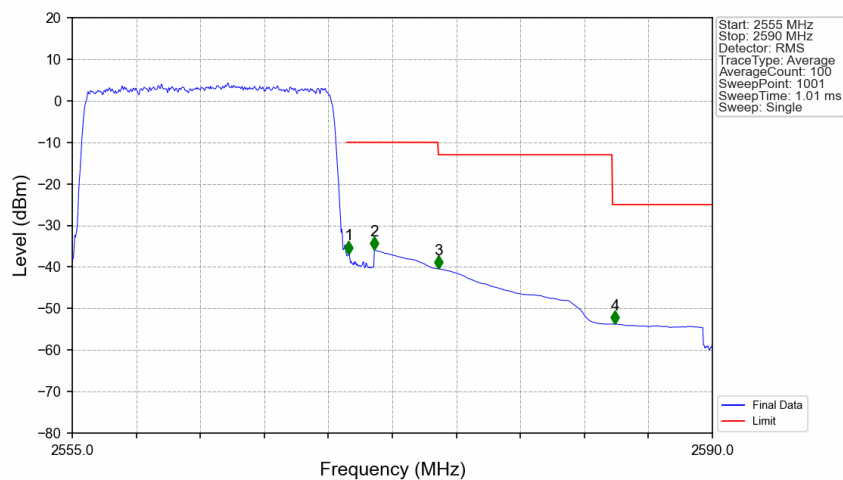


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.015	-40.04	-10	Pass
2571	2575	1	CHP	2	2571.520	-44.98	-10	Pass
2575	2584.519	1	CHP	3	2575.580	-44.09	-13	Pass
2584.519	2590	1	CHP	4	2588.075	-55.78	-25	Pass

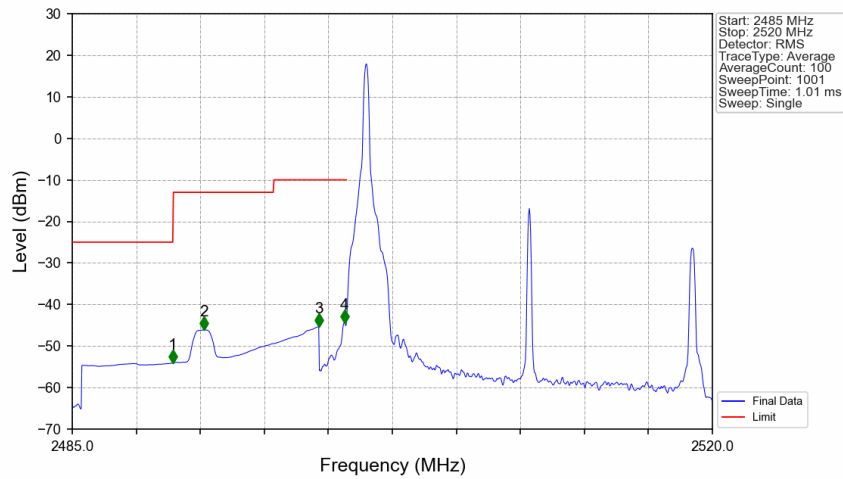
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.3	/	/	/	/	/	/
2570	2571	0.3	/	1	2570.120	-36.86	-10	Pass
2571	2575	1	CHP	2	2571.520	-35.92	-10	Pass
2575	2584.519	1	CHP	3	2575.020	-40.41	-13	Pass
2584.519	2590	1	CHP	4	2584.680	-53.73	-25	Pass

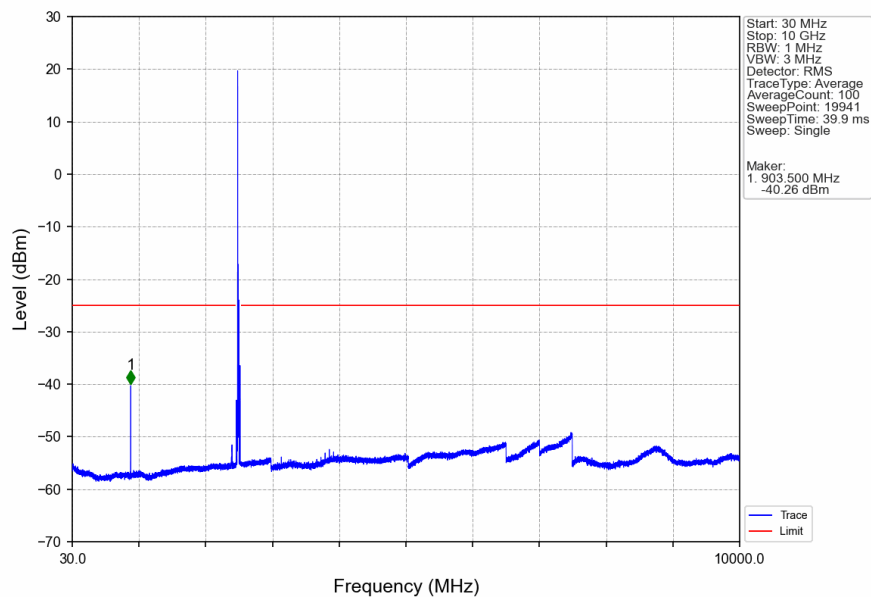
5.2.4 B7_20MHz

Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

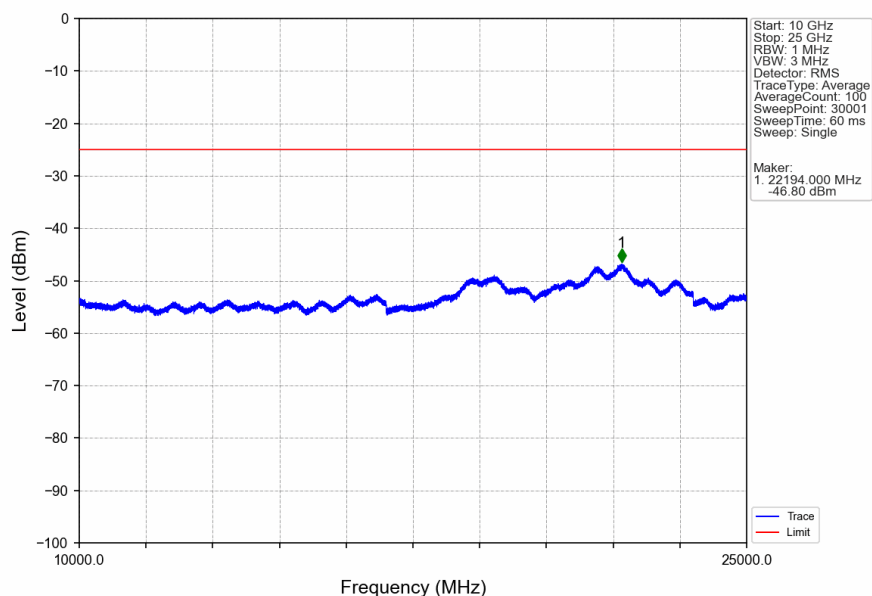


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-54.10	-25	Pass
2490.5	2496	1	CHP	2	2492.210	-46.13	-13	Pass
2496	2499	1	CHP	3	2498.475	-45.29	-10	Pass
2499	2500	0.1	/	4	2499.875	-44.39	-10	Pass
2500	2520	0.1	/	/	/	/	/	/

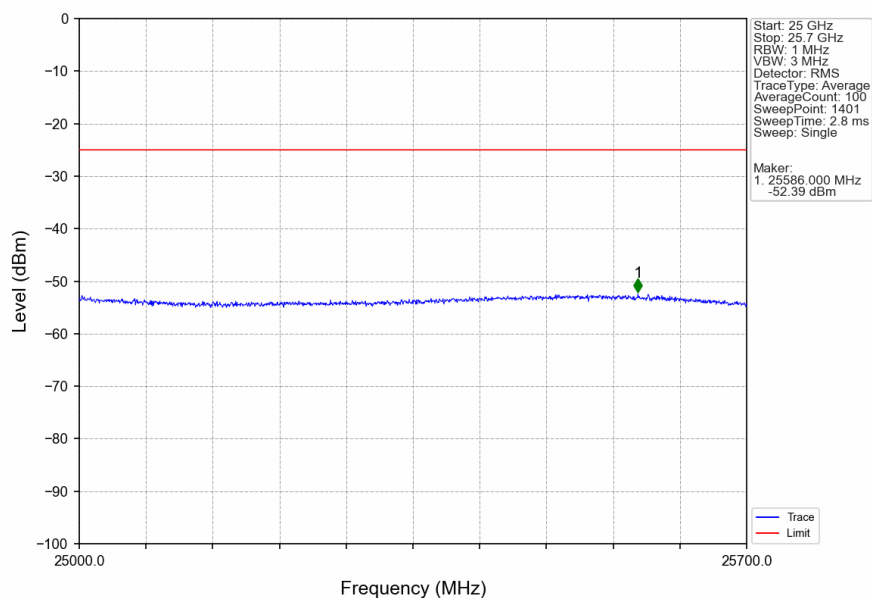
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



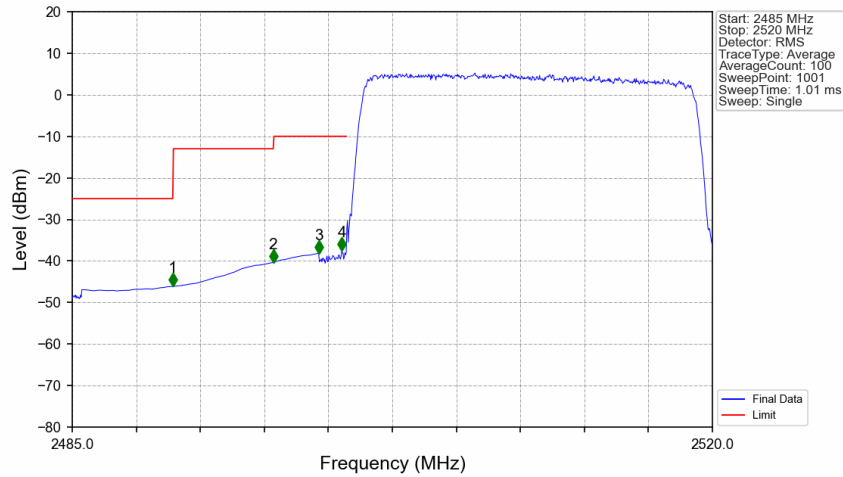
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

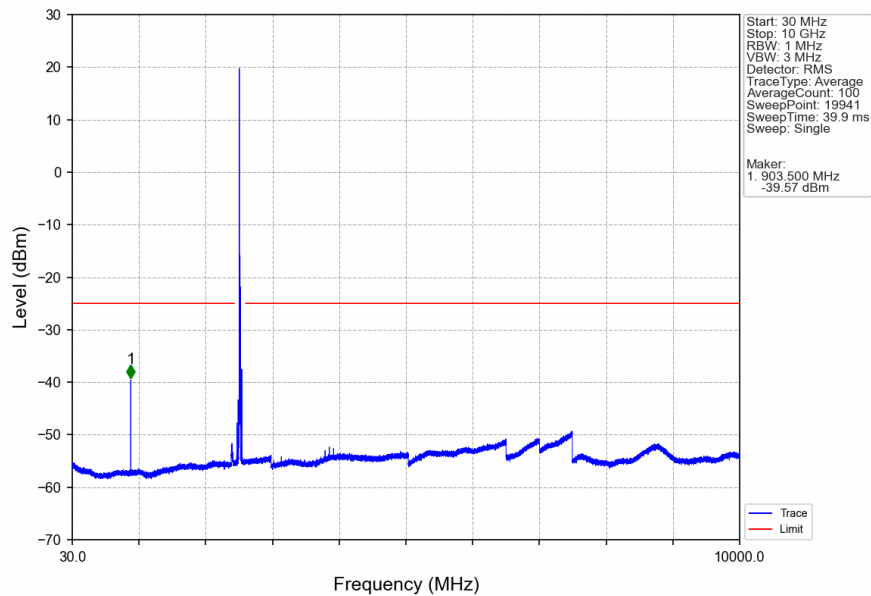


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

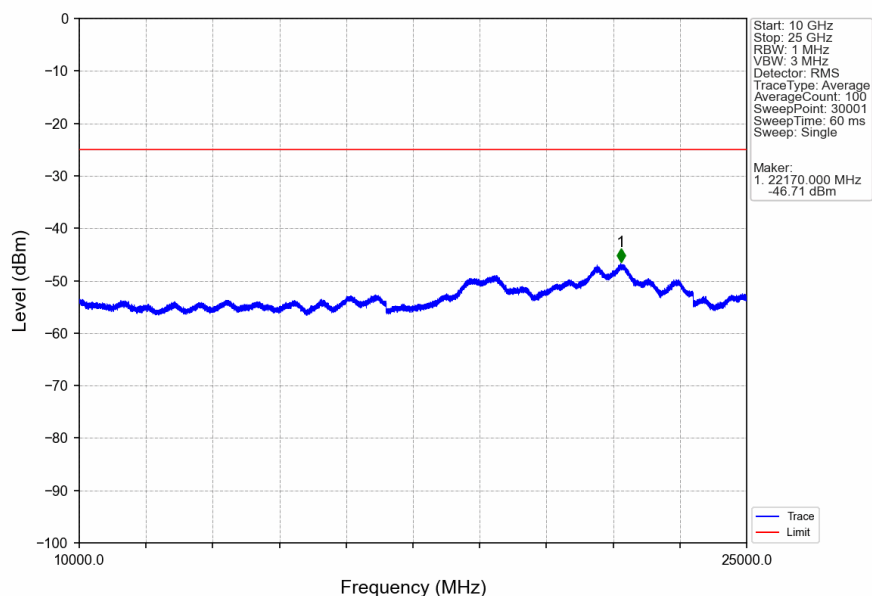


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-46.11	-25	Pass
2490.5	2496	1	CHP	2	2495.990	-40.35	-13	Pass
2496	2499	1	CHP	3	2498.475	-38.16	-10	Pass
2499	2500	0.5	/	4	2499.735	-37.58	-10	Pass
2500	2520	0.5	/	/	/	/	/	/

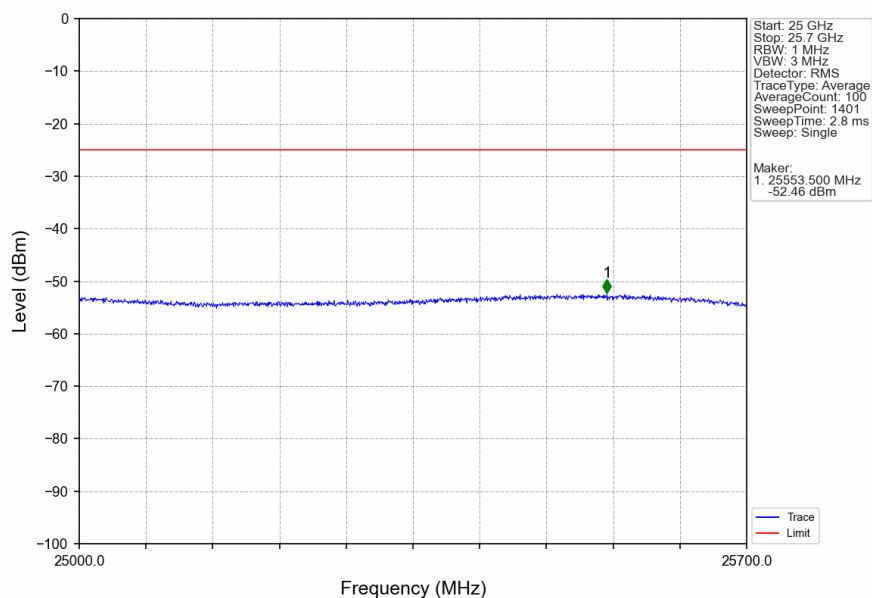
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



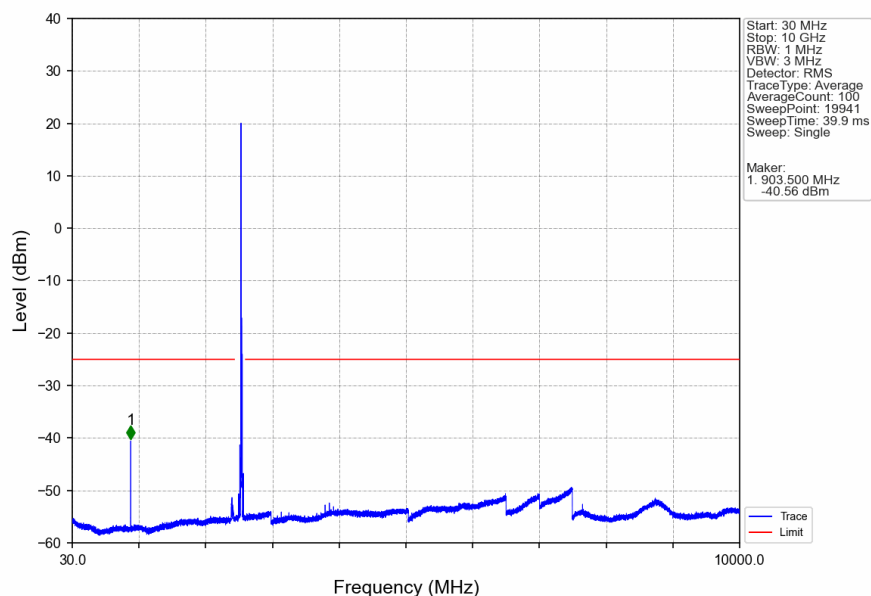
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



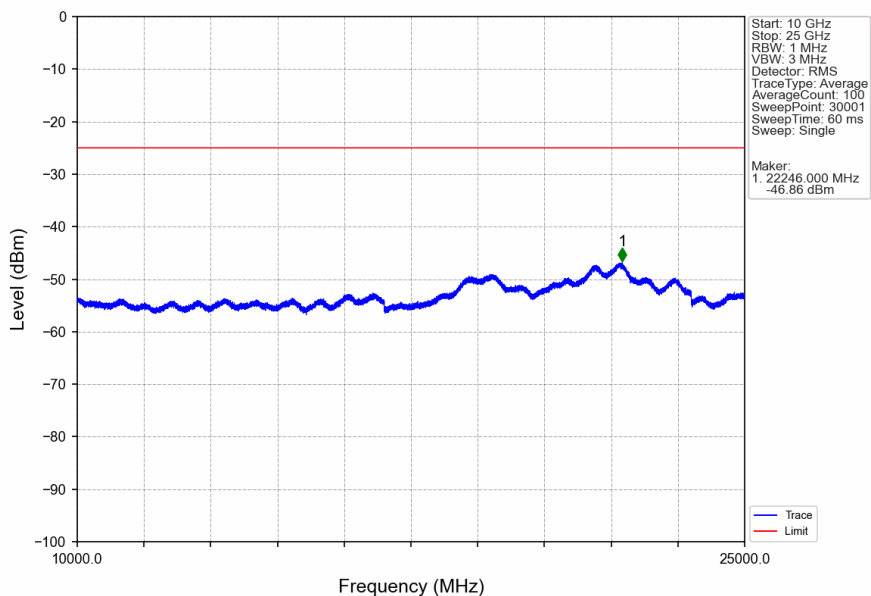
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



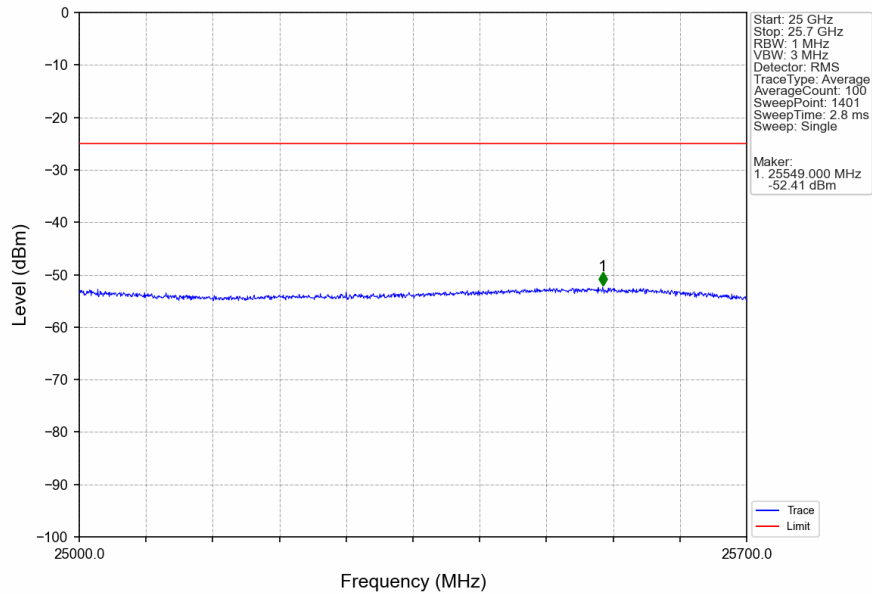
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



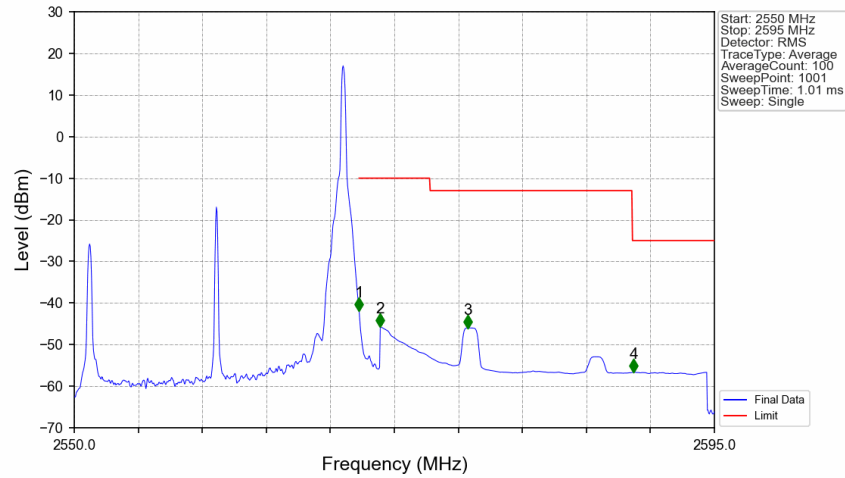
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



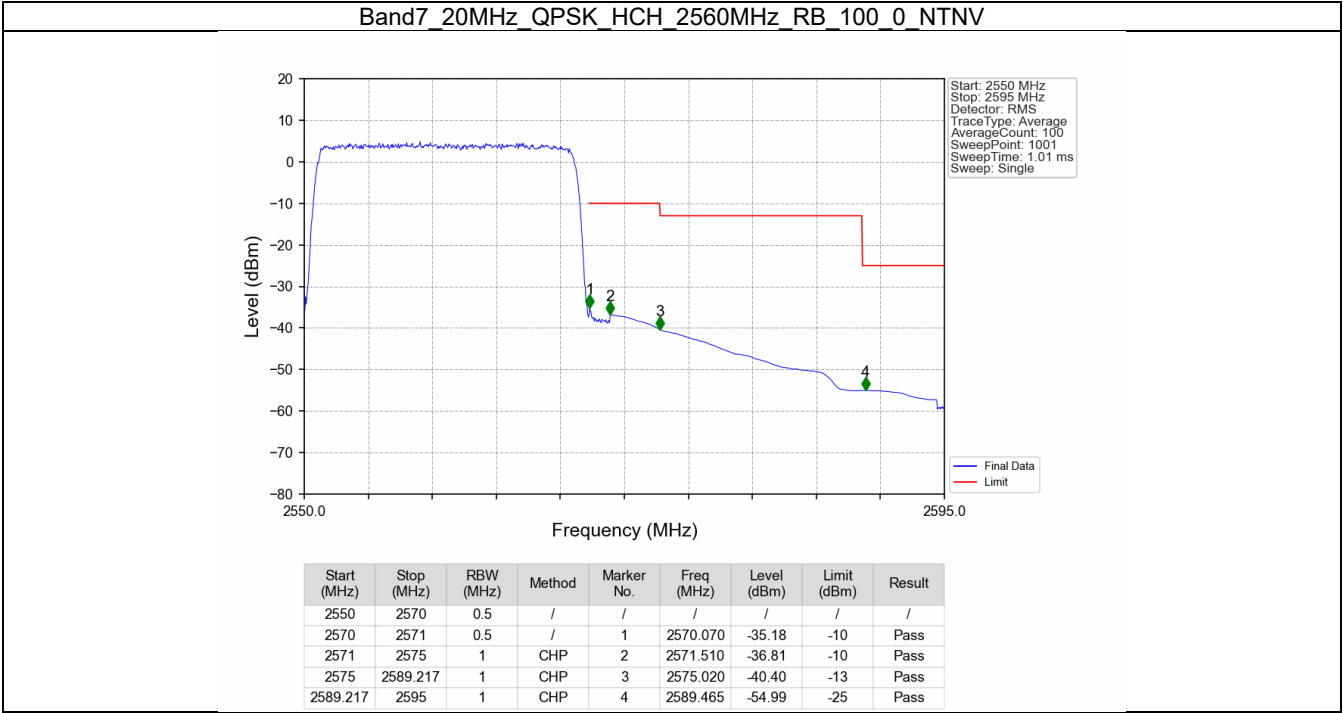
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.025	-41.95	-10	Pass
2571	2575	1	CHP	2	2571.510	-45.71	-10	Pass
2575	2589.217	1	CHP	3	2577.675	-46.00	-13	Pass
2589.217	2595	1	CHP	4	2589.330	-56.63	-25	Pass



---End of Attachment---